

South Dakota Science and Technology Authority

**Board Meeting
September 18, 2014**



630 East Summit Street
Lead, SD 57754

Call to Order – Chairperson Peterson

Call to Order:

1A. Call Roll

Mr. Tom Adam
Dr. Ani Aprahamian
Mr. Paul Christen
Mr. Dana Dykhouse
Ms. Pat Lebrun
Mr. Casey Peterson
Mr. Ron Wheeler
Dr. Heather Wilson

1B. Introduce Guests

Approve Agenda – Chairperson Peterson

Attached is the agenda for the board meeting held on September 18, 2014.

Recommended Action:

Motion to approve agenda as presented.

AGENDA
South Dakota Science and Technology Authority
630 East Summit Street, Lead, South Dakota
Annual Meeting of the Board of Directors
Thursday, September 18, 2014 at 9:00 AM (MT)

SDSTA Mission: *To enable compelling underground research in a safe work environment and foster transformational science education.*

Title	Report	Recommendations
1. Call to Order A. Call Roll B. Introduce Guests	-- Chair Casey Peterson	<i>Informational</i>
2. Approve Agenda	-- Chair Casey Peterson	<i>Motion to approve agenda</i>
3. Approve Minutes – June 19, 2014	-- Chair Casey Peterson	<i>Motion to approve June 19, 2014 minutes</i>
4. Amendment of SDSTA By-Laws	-- Mr. Tim Engel	<i>Motion to approve the amended and restated By-Laws dated September 18, 2014</i>
5. Discussion of Ellison Hill Option To Purchase Agreement	-- Mr. Tim Engel	<i>Motion to approve Ellison Hill Option to Purchase Agreement</i>
6. Report from Executive Director A. Declarations of Surplus Property B. SDSTA Report C. Visitor Center Update and Underground Construction Update D. Neutrino Day Update	-- Mr. Mike Headley -- Mr. Mike Headley -- Mr. Mike Headley -- Mr. Joshua Willhite -- Ms. Constance Walter	<i>Informational</i> <i>Informational</i> <i>Informational</i> <i>Informational</i> <i>Motion to accept executive director's report</i>
7. Financial Report A. Financial Statements B. Fixed Asset Listing C. FY Per Diems Report D. CAPEX Budget Update and approval of CASPAR/BHUC Construction	-- Mr. Mike Headley -- Ms. Nancy Geary	<i>Motion to approve updated CAPEX budget and CASPAR/BHUC Construction</i> <i>Motion to accept financial report</i>
8. Policies and Procedures - Review Updated and Retired Policies	-- Mr. Mike Headley	<i>Motion to approve updated and retired policies</i>
9. Audit Committee Report	-- Ms. Pat Lebrun	<i>Informational</i>
10. Executive Session to consult with legal counsel concerning contractual matters	-- Chair Casey Peterson	<i>Motion to enter into executive session to consult with legal counsel concerning contractual and legal matters</i>
11. Report from Executive Session	-- Chair Casey Peterson	<i>Motion to accept executive session report</i>
12. Confirm next meeting	-- Chair Casey Peterson	<i>December 18, 2014 at 10:00 AM (MT) - Reminder to bring personal calendars to set next year's meeting schedule.</i>
13. Board comments		
14. Adjourn	-- Chair Casey Peterson	<i>Motion to adjourn</i>

Please do not place or accept cell phone calls during this meeting. A copy of this agenda has been posted in a manner visible to the public at the entrance to the South Dakota Science and Technology Authority office located at 630 East Summit Street, Lead, South Dakota at least 24 hours prior to this meeting. Telephone: (605) 722-8650.

AGENDA
South Dakota Science and Technology Authority
630 East Summit Street, Lead, South Dakota
Annual Meeting of the Board of Directors
Thursday, September 18, 2014 at 9:00 AM (MT)

SDSTA Board Member Terms of Service, Committees and Schedule

Board Members and Terms of Service			
	Board Members	Appointed	Term Expires
1.	Thomas Adam	Re-appointed August 10, 2009	August 8, 2015
2.	Ani Aprahamian	December 10, 2009	December 9, 2015
3.	Paul Christen	January 31, 2011	August 8, 2016
4.	Dana Dykhhouse, Vice-chair	Re-appointed August 1, 2014	August 14, 2020
5.	Patricia Lebrun, Secretary-Treasurer	Re-appointed August 16, 2010	August 8, 2016
6.	Casey Peterson, Chair	Re-appointed August 10, 2009	August 8, 2015
7.	Ron Wheeler, Vice-chair	Re-appointed April 10, 2014	April 9, 2020
8.	Heather Wilson, ex-officio member	SDSM&T President appointed July 1, 2014	
	Committees and Members (2014)	2014 Board Schedule	
	Audit Committee Members:	March 20, 2014	10:00 am (MT)
	➤ Paul Christen, Pat Lebrun-Chair	June 19, 2014	9:00 am (MT)
	Nominating Committee Members:	September 18, 2014	9:00 am (MT)
	➤ Ani Aprahamian, Dana Dykhhouse	December 18, 2014	10:00 am (MT)

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Approve Minutes - Chairperson Peterson

The following contains the Minutes from the board meeting held on June 19, 2014.

Recommended Action:

Motion to approve Minutes.

South Dakota Science and Technology Authority Board of Directors
Meeting Minutes
Thursday, June 19, 2014
Lead, South Dakota

The Board of Directors of the South Dakota Science and Technology Authority (SDSTA) convened at 9:01 AM Mountain Time (MT) on Thursday, June 19, 2014 in the 2nd Floor Vault Conference Room at the South Dakota Science and Technology Authority, 630 East Summit Street, Lead, South Dakota.

MEMBERS OF THE BOARD IN ATTENDANCE IN PERSON

Dr. Ani Aprahamian
Mr. Paul Christen
Ms. Pat Lebrun
Chairperson Casey Peterson
Mr. Ron Wheeler

MEMBERS OF THE BOARD IN ATTENDANCE VIA TELEPHONE

Mr. Thomas Adam
Mr. Dana Dykhouse

SDSTA STAFF

Ms. Michelle Andresen, Administrative Assistant
Mr. Tim Engel, Legal Counsel
Ms. Nancy Geary, Chief Financial Officer (by telephone)
Mr. Mike Headley, Executive Director
Dr. Jaret Heise, Science Liaison Director
Ms. Sharon Hemmingson, Business Services and Contracts Manager
Ms. Mandy Knight, User Support Office Manager
Mr. William McElroy, Director of Underground Access
Mr. Daryl (KC) Russell, Cultural Diversity Coordinator
Ms. Constance Walter, Communications Director

ALSO PRESENT DURING ALL OR PART OF THE MEETING

Mrs. Donna Christen, Board Member's spouse
Mr. Pranam Dey, Davis Bahcall Scholar
Mr. Layne Droppers, Davis Bahcall Scholar
Ms. Mattison Flakus, Davis Bahcall Scholar
Ms. Madison Jilek, Davis Bahcall Scholar
Dr. Kevin Lesko, Sanford Underground Research Facility Operations Head (by telephone)
Dr. Peggy Norris, Education and Outreach (E&O) Deputy Director (BHSU)
Ms. Deirdre Peck, Davis Bahcall chaperone and Aberdeen High School teacher
Mr. Jack Storm, Davis Bahcall Scholar
Ms. Kassia Symstand, Davis Bahcall Scholar
Ms. Allison VanHorn, Davis Bahcall Scholar
Mr. Noah Watkins, Davis Bahcall Scholar
Ms. Rachel Williams, Davis Bahcall Scholar
Ms. Hannah Wisser, Davis Bahcall Scholar

ITEM 1. – CALL TO ORDER

Chairman Peterson called the meeting to order at 9:01 AM (MT). Roll call was held. All members were present in person or by telephone. Chairman Peterson asked audience members to introduce themselves.

Mr. Adam joined the meeting by telephone at 9:03 AM.

ITEM 2. – APPROVE AGENDA

Chairman Peterson asked to revise the proposed agenda to move Items 12 and 13 to follow Item 4.

Motion by Mr. Christen and second by Ms. Lebrun to approve the agenda as revised. Motion passed unanimously.

ITEM 3. – APPROVE MINUTES

Chairman Peterson asked if there were any questions and requested a motion to approve the Minutes of the March 20, 2014 meeting. There were none.

Motion by Mr. Wheeler and second by Dr. Aprahamian to approve the Minutes of the March 20, 2014 meeting as presented. Motion passed unanimously.

ITEM 4. – AUDIT COMMITTEE REPORT

Ms. Lebrun advised the board that certain updates were made to the Audit Charter in order to conform with the current practices that coincide with the federal reporting requirements. Ms. Lebrun presented the submitted charter for approval.

Motion by Ms. Lebrun and second by Mr. Wheeler to approve the updated Audit Charter. By roll call vote, the motion passed unanimously.

Ms. Lebrun requested a motion to approve the audit findings report presented at the March board meeting.

Motion by Mr. Wheeler and second by Mr. Christen to approve the audit report as presented. By roll call vote, the motion passed unanimously.

Chairman Peterson requested a motion to replace Mr. Dykhous with Mr. Christen on the 2015 Audit Committee beginning July 1, 2014 and Ms. Lebrun to continue as Chair. Chairman Peterson thanked Mr. Dykhous for his service on the committee and said that Mr. Christen has the expertise to fill this position. He also thanked Ms. Lebrun for agreeing to continue to serve as the Chair of the Audit Committee.

Motion by Mr. Adam and second by Mr. Dykhous to approve the members of the 2015 Audit Committee as presented. By roll call vote, the motion passed unanimously

ITEM 12 - REPORT FROM NOMINATING COMMITTEE

Mr. Dykhous and Dr. Aprahamian comprised the Nominating Committee. Mr. Dykhous said that the Nominating Committee conducted two meetings with the purpose of nominating the slate of officers for the 2014-2015 board year and referred to the minutes in the board packet. The first meeting discussed the nominated slate: Mr. Casey Peterson as Chairperson, Mr. Ron Wheeler as Vice-Chairperson, and Ms. Lebrun as Secretary Treasurer. The second meeting discussed the Amended and Restated By-Laws dated September 19, 2013 and referred to Article III, Section 1 that calls for two or more Vice-Chairpersons. The Nominating Committee submitted the following slate of officers:

Chairperson: Mr. Casey Peterson

Vice-Chairpersons: Mr. Ron Wheeler and Mr. Dana Dykhous

Secretary Treasurer: Ms. Patricia Lebrun

Chairman Peterson asked if there were any other nominations. There were none.

Motion by Mr. Adam and second by Mr. Christen to accept the report from the nominating committee as presented. By roll call vote, the motion passed unanimously.

ITEM 13 - ELECT OFFICERS

Motion by Mr. Adam and second by Dr. Aprahamian to elect the slate of officers proposed by the nominating committee, consisting of Mr. Casey Peterson as Chairperson, Mr. Ron Wheeler and Mr. Dana Dykhouse as the Vice-Chairpersons and Ms. Pat Lebrun as Secretary/Treasurer. By roll call vote, the motion passed unanimously.

ITEM 5. – REPORT FROM EXECUTIVE DIRECTOR

SDSTA Executive Director Mr. Mike Headley said there were two administrative items regarding declaration of surplus property: a 150hp Grundfos pump and motor and six uninterruptible power supplies (UPS). Each are no longer in use. Because the UPSs have no value, approval by the board for the power supplies is not required.

Motion by Mr. Wheeler and second by Ms. Lebrun to approve the declaration of surplus property for the 150hp Grundfos pump and motor from the Ross Shaft. By roll call vote, the motion passed unanimously.

Mr. Headley stated that the Business Services Department conducted a self-audit on a select number of contracts per the Risk Management Protocol. No issues were identified.

In regard to the SDSTA safety performance, Mr. Headley said there were no recordable injuries for researchers or contractors for 2014 to date. During the first six months, there were two SDSTA employee recordables, compared to seven in the first half of 2013. He said the goal is to reduce the number of recordables by 50% in 2014.

Mr. Headley announced that the new Environmental, Health and Safety (EHS) Director was selected and will start on June 30.

Mr. Headley said the underground activity headcount has increased due to the following activities: Large Underground Xenon (LUX) is preparing for the 300 live-day run and the ultra-pure lead (Pb) shield assembly for the MAJORANA DEMONSTRATOR (MJD) is being assembled.

The Davis Campus Heating, Ventilation and Air-Conditioning (HVAC) upgrade has been completed and will be operational next week. Geotechnical studies were completed for the Long-Baseline Neutrino Experiment (LBNE). A total of 2,700 feet of core samples was drilled and are currently in lab studies.

The South Dakota Research Excellence: A Critical Hallmark (REACH) Committee and Research and Commercialization Council (RCC) meetings were held onsite and thirty members were provided an underground tour. Mr. Headley commented that South Dakota State Representative Kristi Noem toured the 4850L Davis Campus at the beginning of June with himself, Chairman Peterson and South Dakota School of Mines and Technology President Heather Wilson.

Future experiment updates were then discussed by Mr. Headley and included: the LUX-ZEPLIN (LZ), LBNE, Low-Background Counting Facility (LBCF) and Compact Accelerator System for Performing Astrophysical Research (CASPAR).

Mr. Headley said the Particle Physics Strategic Plan was released by the Particle Physics Project Prioritization Panel (P5) in May. It outlined the ten-year strategic plan for High Energy Physics in the United States. Mr. Headley said there were strong recommendations related to SDSTA. Mr. Wheeler commented that one of the first priorities is to establish the LBNE detector early in program per the strategic plan. Dr. Aprahamian added that the American Physical Society issued a public letter of support in regard to the strategic plan.

Mr. Headley said the Sanford Lab Homestake Visitor Center construction will commence in early July. The groundbreaking ceremony is scheduled for June 30 at 10:00 AM MT at the visitor center.

Mr. Dykhouse departed the meeting at 9:38 AM.

Mr. Headley introduced Science Liaison Director Dr. Jaret Heise who provided a year-end overview of MJD and LUX experiments. Dr. Heise began with highlights from the following experiments: the Center for Ultra-Low Background Experiments in the Dakotas (CUBED), Berkeley Low-Background Facility (BLBF), Isotopic Separation and Ultra-Purification (ISUP) and NASA Astrobiology. Ms. Lebrun asked if there was much redundancy between the BLBF and MJD experiments. Dr. Heise stated the research capacity far exceeds either experiment and they are complimentary to each other. Dr. Aprahamian inquired about the CUBED shield comprised of Pb bricks, which are coated with borated paraffin. Dr. Heise advised the coating and cleaning of the bricks were conducted off-site at Black Hills State University (BHSU) and transported to SDSTA. Dr. Heise concluded his presentation with an update on the two Dave Bozied interns who are assisting researchers at the Davis Campus.

Mr. Headley introduced Underground Access Director Mr. William McElroy who provided an update on the Ross Shaft Refurbishment Project. Mr. McElroy noted the project is a third completed. After a 2013 injury in the Ross Shaft, a comprehensive revision to Standard Operating Procedure (SOP) No. 0053 was conducted in order to streamline shaft refurbishment operation controls. An authorization to proceed was approved in May and shaft personnel have returned to working full-time installing new steel.

Mr. McElroy said in an effort to reduce noise and vibration exposure while drilling, the Engineering, EHS, Facility Infrastructure and Underground Access Departments conducted a trade study with four different jackleg drill models. The noise and vibration exposure results resulted in Sanford Lab procuring a Boart-Longyear drill for use underground.

A top down maintenance plan has been implemented at the Yates Shaft along with a software database and manifest system to log the timber baseline inspection data. Mr. McElroy stated the shaft is healthier and stronger each day as maintenance continues with removing old timber and muck. Ms. Lebrun inquired as to where the debris is deposited. Mr. McElroy advised it is taken to the landfill. He advised that the Engineering Department has implemented timber sag monitors to record and monitor potential movement of the timber and rock wall. Mr. McElroy asked if there were any questions. Chairman Peterson asked if an electronic monitoring system would be an option. Mr. McElroy said that an electronic system is expensive and fiber in the shaft has the potential to fail.

Mr. Headley asked the board to approve the ratification of the Memorandum of Understanding between Homestake Visitor Center, Inc. and Lead Area Chamber of Commerce, Inc. (HVC/LACC) and the SDSTA concerning the Creation and Operation of the Sanford Lab Homestake Visitor Center and Waiver of Liability. Chairman Peterson asked if there were any questions. There were none.

Motion by Mr. Wheeler and second by Mr. Adam to ratify the MOU between HVC/LACC and SDSTA and the Waiver of Liability. By roll call vote, the motion passed unanimously.

Mr. Headley then asked for board approval to sign the Homestake Visitor Center construction change order for the Ainsworth-Benning Construction, Inc. contract and the guaranteed maximum price (GMP) to \$3.35 million. Chairman Peterson asked if there were any questions. There were none.

Motion by Ms. Lebrun and second by Mr. Wheeler to accept the construction change order with the GMP of \$3.35 million. By roll call vote, the motion passed unanimously.

Chairman Peterson asked for a motion to accept the Executive Director's report.

Motion by Mr. Wheeler and second by Mr. Christen to accept the Executive Director's report. By roll call vote, the motion passed unanimously.

Chairman Peterson moved Item 7 to follow Item 5 on the agenda to accommodate Sanford Underground Research Facility Operations Head Dr. Kevin Lesko's schedule.

ITEM 7. – UPDATE OF PARTICLE PHYSICS PROJECT PRIORITIZATION PANEL (P5)

Dr. Lesko advised the board on the plan of physics priorities based on the science opportunities established and budgetary realities for the next decade. Several high profile programs with potential deployments are being considered for Sanford Lab. He said that two of these programs are the LBNE and the Generation 2 (G2) LZ experiment. Dr. Lesko closed by saying the FY 2015 budget was set and this is very good news for underground physics in the United States and for Sanford Lab.

ITEM 6. – INTRODUCE 2014 DAVIS-BAHCALL SCHOLARS

Chairman Peterson introduced Education and Outreach (E&O) Deputy Director Dr. Peggy Norris who said the scholars are in their second of a five-week program. The scholars will visit the Sudan Mine in Minnesota, Fermilab and Argonne National Laboratories in Illinois, and Gran Sasso and Frascati National Laboratory in Italy. She asked the Davis-Bahcall scholars to introduce themselves and announce the university each will be attending in the fall. Dr. Norris asked if there were any questions. She closed by stating the scholars will blog to the Sanford Lab website during their travels.

Dr. Aprahamian said it was a pleasure meeting the scholars and gave an assignment during their visit to Gran Sasso. She asked them to take notes of the locations of the dark matter and nuclear physics experiments so that when they return, they can explain where the advantages and disadvantages are worldwide and why Sanford Lab is a world competitive location. Chairman Peterson thanked the group and congratulated them on their future in science. He said the SDSTA board is very supportive of their career decisions.

Dr. Lesko departed the meeting.

The board recessed at 10:40 AM and reconvened at 10:50 AM.

ITEM 8. – FINANCIAL REPORT

Mr. Headley introduced SDSTA Chief Financial Officer Ms. Nancy Geary via telephone. Ms. Geary began by reporting that the main reason that SDSTA was over budget was due to three pay periods during the month.

The LBNL subcontract was also over budget slightly due to a three-pay period month and an armature repaired at the Yates Hoist. Mr. Headley said the areas overspent were primarily due to weather, heating, water and the Yates motor repair. Mr. Wheeler also said that these expenses are in the planned reserve. Ms. Geary continued by stating the electric expenses were slightly higher due to a price increase by Black Hills Power.

Motion by Mr. Wheeler and second by Mr. Christen to accept the financial report as presented. By roll call vote, the motion passed unanimously.

Ms. Geary discussed the proposed SDSTA budget for FY 2015. She said the administration budgets will increase slightly due to employee raises of up to two percent based on performance, executive office budget increase, E&O summer intern expenses and science liaison for subcontract expenses. Also, the communication budget will be removed from the National Environmental Policy Act (NEPA) contract and transferred to the SDSTA budget. Mr. Wheeler verified the increase of \$30 Thousand was due to the reallocation of expenses. Mr. Headley said the LBNE funds for staff are coming to completion for the NEPA Environmental Assessment.

Ms. Geary commented on the federal funding of approximately \$14.9 million, which funds the LUX and MJD contracts as well as a few small contracts with Fermilab. Ms. Geary asked if there were any questions. There were none.

The FY 2014-2015 CAPEX budget requires additional approval of approximately \$9.1 million for new and existing projects such as the Ross refurbishment, Yates Shaft improvements, Sanford Visitor Center Development, CASPAR experiment development underground, BHSU Jonas Science Building renovation and Hazard Mitigation work. Some of these project expenses have a possibility to carry over into next year.

Mr. Headley said the construction cost estimate for CASPAR facility design is currently over the initial budget target and additional cost reduction discussions will be conducted. He asked for board approval to continue with the rehabilitation of the space and the design along with some minor long lead items but not to approve the start of construction.

¹Motion by Mr. Wheeler and second by Mr. Christen to approve the FY 2015 administration and federal budget as presented minus the CASPAR budget. By roll call vote, the motion passed unanimously.

Motion by Mr. Christen and second by Ms. Lebrun to approve the CASPAR budget. Dr. Aprahamian abstained from voting. By roll call vote, the motion passed unanimously.

Ms. Geary and Mr. Adam departed the meeting at 11:14 AM.

ITEM 9 - EXECUTIVE SESSION

Motion by Ms. Lebrun and second by Mr. Christen to enter into executive session to consult with legal counsel concerning contractual and legal matters. By roll call vote, the motion passed unanimously.

The board recessed at 11:14 AM for lunch and Executive Session and reconvened at 12:14 PM.

ITEM 10. – REPORT FROM EXECUTIVE SESSION

Chairman Peterson reported that the board consulted with legal counsel concerning contractual and legal matters. No action was taken.

Motion by Mr. Wheeler and second by Mr. Christen to approve executive session. By roll call vote, the motion passed unanimously.

ITEM 11. – REVIEW OF UPDATED POLICIES AND PROCEDURES

Mr. Headley briefly discussed the updated and new policies listed below and Mr. Engel had reviewed the policies. He asked if there were any questions or comments. There were none.

Policy 2:3 Drug and Alcohol Testing

Policy 3:4 Invoice and Receipt Policy

Policy 4:15: Worksite Reduction and Management (new policy)

Motion by Mr. Wheeler and second by Mr. Christen to approve the above listed policies as presented to board. By roll call vote, the motion passed unanimously.

Chairman Peterson asked if there were any questions in regard to the annual Conflict of Interest Statement requiring signature by each board member annually. There were none.

ITEM 14. – REPORT ON REACH COMMITTEE

Ms. Lebrun said the REACH Committee is comprised of the RCC and other members appointed by the Governor. The committee is responsible for all the Experimental Program to Stimulate Competitive

¹ The budget “as presented” is attached at the end of the June 19, 2014 Minutes.

Research (EPSCoR) projects in South Dakota. At the meeting, members gave an update on the science and technology plan for South Dakota. She said SDSTA contributes to help fulfill the plan. Conducting the meeting at Sanford Lab allowed the committee to better understand and experience the activities and research.

Chairman Peterson thanked Ms. Lebrun for her involvement on the REACH Committee. Mr. Headley also thanked Ms. Lebrun for conducting the meeting at SDSTA.

ITEM 15. – CONFIRM DATE AND TIME FOR NEXT BOARD MEETING

Chairman Peterson asked if there were any concerns with the next board meeting on Thursday, September 18, 2014 at 9:00 AM (MT). There were none.

ITEM 16. – BOARD COMMENTS

Ms. Lebrun said this was a great meeting. She enjoyed meeting the Davis Bahcall Scholars and suggested a lunch invitation to all the scholars at next year's June board meeting.

Mr. Christen said it was a great meeting with excellent information and that our science future for the country was the Davis Bahcall scholars.

Mr. Wheeler said he echoes Ms. Lebrun's and Mr. Christen's comments in regard to the meeting and introductions by the scholars. He congratulated Mr. Headley on his first year as Executive Director and said he has done a marvelous job.

Mr. Headley said he appreciates the support of the Board of Directors and thanked Mr. Wheeler for his comments. He also appreciates the staff of 125 personnel who are dedicated to safety and who complete great work for SDSTA. Mr. Headley thanked User Support Office Manager Ms. Mandy Knight and Administrative Assistant Ms. Michelle Andresen for all their board meeting support.

Dr. Aprahamian said she enjoyed meeting the Davis Bahcall scholars as well.

Chairman Peterson thanked Mr. Wheeler for passing the torch so efficiently and stated it has been a successful transition to Mr. Headley as Executive Director. He thanked everyone for their time and effort.

ITEM 17. – ADJOURN

Chairman Peterson asked if anyone had any other questions or comments and then called for a motion to adjourn.

Motion by Mr. Christen and second by Ms. Lebrun to adjourn. Motion passed unanimously.

Meeting adjourned at 12:15 PM.

SDSTA Operating Budget Summary FY14/15

July 2014 - June 2015

		Sources of Revenue			
		Federal Funding	SDSTA Funds	Budget \$ FY14/15	Budget \$ FY13/14
					Difference
Administration Budgets					
	Board of Directors		\$230,208	\$230,208	\$243,251
	Executive Office		\$284,944	\$284,944	\$273,506
	Communications		\$164,847	\$164,847	\$138,571
	Human Resources		\$0	\$0	\$0
	Finance		\$0	\$0	\$0
	Information Technology (IT)		\$0	\$0	\$0
***	Science Center E & O		\$32,190	\$32,190	\$33,557
	Subtotal		\$712,189	\$712,189	\$688,885
***	Science C.E & O (Approx. \$6300 from Chris B. Memorial)				\$23,304
Sanford Laboratory Budgets					
	Science Liaison		\$24,380	\$24,380	\$18,000
	EH&S		\$0	\$0	\$0
	Engineering		\$0	\$0	\$0
	Operations & Maint.		\$0	\$0	\$0
	Subtotal		\$24,380	\$24,380	\$18,000
	Total		\$736,569	\$ 736,569	\$706,885
Total Authority Operating Budgets		\$0	\$736,569	\$ 736,569	\$706,885
Federal Funding & State GOED Funding		14,994,628		\$14,994,628	\$14,469,460
CAPEX Budget 7/2014 - 6/2015 Additional Approval			\$ 9,147,015	\$ 9,147,015	\$18,544,082
					\$ (9,397,067) w/adj.in theyear
Total for Approval		\$14,994,628	\$ 9,883,584	\$ 24,878,212	\$33,720,427
					(\$8,842,215)
Approximate Carryover CAPEX Projects			\$ 7,853,392		
Grand Total with Carryover			\$ 17,736,976		
					Total FTE
					SDSTA Funds 30.75
					Other Funding 95.75
					Total FTE 126.5

SDSTA FY14/15 CAPEX Budget

5/10/2014

Proj. Mng	Project #	Project Description	New Proj.\$'s	<u>Estimated Carry Over</u>		Total Proj. \$'s	
				Proj.\$'s			
B. Pietzyk	CAP2012-13	Water/Hazard Mitigation Work	\$ 66,000		\$ 66,000		
W. McElroy	CAP2012-27	Ross Shaft Furnishings Repl.M&S	\$ 4,600,000		\$ 4,600,000		
W. McElroy	CAP2012-32	SDSTA Personnel	\$ 2,231,015		\$ 2,231,015		
W. McElroy	CAP2013-06	Yates Shaft Improvements	\$ 300,000		\$ 300,000		
					\$ -		
J. Willhite	CAP2014-01	Sanford Visitor Center Development		\$ 4,000,000	\$ 4,000,000		\$1M Future Funds, Balance Sanf.G#2
M. Headley	CAP2014-02	Xenon Gas		\$ 67,145	\$ 67,145		
M. Headley	CAP2014-05	CASPAR Experiment Development		\$ 998,247	\$ 998,247		
M. Headley	CAP2014-06	BHSU Jonas Science Building Renovation		\$ 2,500,000	\$ 2,500,000		\$1M Future Funds,\$1M Sanf.G#2,\$500K need to raise
M. Headley	CAP2014-09	CASPAR/LBCF Facility Development	\$ 1,950,000	\$ 288,000	\$ 2,238,000		
					\$ -		
					\$ -		
					\$ -		
TOTAL ALL PROJECTS			\$ 9,147,015	\$ 7,853,392	\$ 17,000,407		

CASPAR/LBCF Low Background Cnt.
Facility Development have been combined
LBCF CAP2014-11 eliminated

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Amendment of SDSTA By-Laws - Mr. Tim Engel

Attached is the amended SDSTA By-Laws dated September 18, 2014.

Recommended Action:

Motion to approve amended SDSTA By-Laws dated September 18, 2014.

AMENDED AND RESTATED BY-LAWS
OF
SOUTH DAKOTA SCIENCE AND TECHNOLOGY AUTHORITY

(as of September 18, 2014)

ARTICLE I.

NAME, PRINCIPAL OFFICE AND SEAL

Section 1. Name. The name of this Authority, a public body politic and corporate, shall be SOUTH DAKOTA SCIENCE AND TECHNOLOGY AUTHORITY (SDSTA), as provided in SDCL Ch. 1-16H.

Section 2. Principal Office. The principal office of the SDSTA shall be located at the City of Lead, Lawrence County, South Dakota. The SDSTA may have such other offices within the State of South Dakota as the Directors designate or as the business of the SDSTA may require.

Section 3. Seal. The corporate seal of the SDSTA shall be a circular disk having inscribed around the periphery thereof the words, "South Dakota Science and Technology Authority", and in the center the word, "Seal."

ARTICLE II.

BOARD OF DIRECTORS

Section 1. Membership of the Board. The Board shall consist of seven voting members to be appointed by the Governor and the President of the South Dakota School of Mines and Technology as an ex-officio, non-voting member. Not all Directors shall be of the same political party.

Section 2. Terms of Office. The terms of the voting members of the Board shall be six (6) years.

Section 3. Vacancies and Reappointments. Any person appointed to fill a vacancy on the Board of Directors shall serve for the unexpired term of his predecessor. All voting Directors shall be eligible for reappointment.

Section 4. Removal. Any Director may be removed by the Governor for cause, including incompetence, neglect of duty or malfeasance in office.

Section 5. Powers. The Board of Directors of the SDSTA shall possess and exercise all of the powers granted in Senate Bill 216 as adopted by the South Dakota Legislature, as signed and approved by the Governor on February 11, 2004 (the "Act"), as the same has been or hereafter may be amended, and by all other laws consistent with said Act and as may be necessary to effectuate the purpose of said Act.

Section 6. Indemnification of Directors.

Section 6.1. The SDSTA shall indemnify and hold harmless any person, including Directors, officers, members of committees, employees, agents, and their heirs, executors, administrators, representatives and successors, who was or is a party or is threatened to be made a party to any threatened proceedings or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the SDSTA) by reason of the fact that he or she is or was a

Director, officer, employee or agent of the SDSTA, or is or was serving at the request of the SDSTA as a Director, officer, employee or agent of another authority, partnership, joint venture, trust or other enterprise, against expenses, including attorney's fees, judgments, fines and amounts paid in settlement actually and reasonably incurred by him or her in connection with the action, suit or proceeding if he or she acted in good faith and within the scope of his or her functions and duties on behalf of the SDSTA and in a manner not constituting willful and wanton misconduct by such individual and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner not constituting willful and wanton misconduct by such individual and, with respect to any criminal action or proceeding, had reasonable cause to believe that his or her conduct was unlawful.

Section 6.2. The SDSTA shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending, or completed action or suit, including all appeals, by or in the right of the SDSTA to procure a judgment in its favor by reason of the fact that he or she is or was a Director, officer, employee or agent of the SDSTA, or is or was serving at the request of the SDSTA as a director, trustee, officer, employee or agent of another

authority, partnership, joint venture, trust or other enterprise, against expenses (including attorney's fees) actually and reasonably incurred by him or her in connection with the defense or settlement of such action or suit if he or she acted in good faith and in a manner not constituting willful and wanton misconduct by such individual, except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been finally adjudged to be liable for willful and wanton misconduct in the performance of his or her duty to the SDSTA unless and only to the extent that the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses as such court shall deem proper.

Section 6.3. To the extent that a Director, officer, employee or agent has been successful on the merits or otherwise in defense of any action, suit or proceeding referred to in Section 6.1 or 6.2, or in defense of any claim, issue or matter therein, he or she shall be indemnified against expenses (including attorney's fees) actually and reasonably incurred by him or her in connection therewith.

Section 6.4. Except in a situation governed by Section 6.3, any indemnification under Section 6.1 or 6.2 (unless ordered by a court) shall be made by the SDSTA only as authorized in the specific case upon a determination that indemnification of the Director, officer, employee or agent is proper in the circumstances because he or she

has met the applicable standard of conduct set forth in Section 6.1 or 6.2. Such determination shall be made (a) by a majority vote of the Directors of the SDSTA acting at a meeting at which a quorum consisting of directors who were not parties to such action, suit or proceeding is present, or (b) if such a quorum is not obtainable (or even if obtainable), and a majority of disinterested Directors so directs, by independent legal counsel (compensated by the SDSTA) in a written opinion, or (c) an action is brought before any Circuit Court in South Dakota and a determination is made that indemnification is proper because he or she has met the standard of conduct in Section 6.1.

Section 6.5. Expenses of each person indemnified hereunder incurred in defending a civil, criminal, administrative, or investigative action, suit, or proceeding (including all appeals), or threat thereof, may be paid by the SDSTA in advance of the final disposition of such action, suit or proceeding as authorized by the Directors, whether a disinterested quorum exists or not.

Section 6.6. The indemnification provided by this Article shall not be deemed exclusive of any other rights to which those seeking indemnification may be entitled as a matter of law or under these Bylaws, any agreement, vote of members, any insurance purchased by the SDSTA, or otherwise both as to action in his or her official capacity and as to action in other capacity while holding such office, and shall continue as to a person who has ceased to be a Director, officer, employee or agent and shall inure to the benefit

of the heirs, executors, and administrators of such a person.

Section 6.7. The SDSTA may purchase and maintain insurance on behalf of any person who is or was a Director, officer, employee or agent of the SDSTA, or is or was serving at the request of the SDSTA as a director, trustee, officer, employee or agent of another authority, partnership, joint venture, trust or other enterprise against any liability asserted against him or her and incurred by him or her in any such capacity, or arising out of his or her status as such, whether or not the SDSTA would have the power to indemnify him or her against such liability under the provisions of this Article or of the laws of the State of South Dakota. Anything in this Article II, Section 6 to the contrary notwithstanding, the SDSTA's obligation to indemnify as provided for in this Article II, Section 6 is limited to the extent to which the SDSTA has insurance coverage available to cover and pay any such obligation.

Section 7. Committees. There shall be three standing committees and such ad hoc committees as the Board or the Chairperson deem necessary and appropriate from time to time. The Audit Committee shall review and report to the Board on the budget and finances of the authority, arrange for and report on audits of the SDSTA's books and records and perform such other duties as may be assigned from time-to-time by the Board or the Chairperson. The Audit Committee may retain legal counsel, auditors and such other consultants as it deems necessary to perform its duties. The Nominating Committee shall make nominations for the various offices

of the SDSTA. The Personnel Committee shall review and report to the Board on matters relating to employees and personnel, including employee policies and salaries and shall perform such other duties as may be assigned from time-to-time by the Board or the Chairperson. The Chairperson shall determine the number of members of each committee and make appointments to the committees.

Section 8. Compensation and Expenses. Voting members of the Board shall be compensated from SDSTA funds as provided in SDCL 1-16H-7 and 4-7-10.4. Voting members of the Board shall be reimbursed at such rates as are established from time-to-time by the South Dakota Board of Finance for necessary expenses, including travel and lodging expenses, incurred in connection with the performance of their duties as Board members.

ARTICLE III.

OFFICERS OF THE SDSTA

Section 1. Officers and Election of Officers. The officers of the SDSTA shall be a Chairperson, two or more Vice-Chairpersons and Secretary-Treasurer, all of whom shall be members of the Board of Directors. Officers shall be elected annually by the Directors at the annual meeting. All duly-elected officers shall hold office until their successor has been duly elected and qualified.

Section 2. Chairperson. The Chairperson of the SDSTA shall preside at all meetings of the SDSTA, have general supervision over the affairs of the SDSTA and shall perform such other duties as shall be necessary or desirable by reason of his or her position as

Chairperson, or as may be assigned by resolution of the SDSTA, duly adopted by at least four Directors, at a meeting held pursuant to these By-Laws.

Section 3. Vice-Chairperson. The Vice-Chairperson so designated by the Board shall perform all duties incumbent upon the Chairperson during the absence or disability of the latter, and each Vice-Chairperson shall perform such other duties as shall be assigned by resolution of the SDSTA, duly adopted by at least four Directors, at a meeting held pursuant to these By-Laws.

Section 4. Secretary-Treasurer. The Secretary-Treasurer shall be responsible for the funds, books and records of the SDSTA, and shall perform such other duties as shall be assigned by resolution of the SDSTA, duly adopted by at least four Directors, at a meeting held pursuant to these By-Laws.

ARTICLE IV.

MEETINGS

Section 1. Annual Meetings. The annual meeting of the SDSTA shall be held during the month of June at such time and date, and in such place, as may be designated by the Board of Directors.

Section 2. Special Meetings. A special meeting of the SDSTA may be held upon call by the Chairperson, the Executive Director or any four (4) Directors of the SDSTA upon at least forty-eight (48) hours' notice to each Director. Such notice shall specify the time and place and general purpose of the meeting and shall be given to each Director, either personally, or by telefax, United States mail

or contract carrier (if by United States mail or contract carrier, notice shall be deemed adequate if deposited in the United States mail or delivered to the contract carrier 72 hours or more before the meeting); provided, however, that at any meeting at which all of the directors of the SDSTA are present, notice of the time and place and purpose of the meeting shall be deemed waived.

Section 4. Quorum. Four voting Directors shall constitute a quorum. The affirmative vote of no less than four voting Directors shall be necessary for any action taken by the SDSTA. Except as otherwise provided herein or in the Act, a vacancy among the membership of the Board shall not impair the right of a quorum to exercise all the rights and perform all the duties of the SDSTA.

Section 5. Electronic Meetings. Any regular or special meeting of the Directors may be held by telephone, video link, via the Internet or via any other electronic medium, provided that all of the participants can fully participate in the meeting, and further provided that an appropriate, reasonably convenient place is made available for the public to monitor the meeting.

Section 6. Open Meetings. Anything in these By-Laws to the contrary notwithstanding, all meetings of the Board shall be open to the public as required by SDCL Ch. 1-25, except as otherwise permitted or required by the Act.

ARTICLE V.

ADMINISTRATIVE PERSONNEL

Section 1. Executive Director. The SDSTA may employ an

Executive Director and Assistant Executive Director upon such terms and conditions as the SDSTA shall deem proper. The Executive Director shall have general and active supervision, control and management of the affairs and business of the SDSTA, subject to the orders and resolutions of the SDSTA and supervision of the Chairperson. The Executive Director shall have general supervision and direction of all agents and employees of the SDSTA and shall see that all orders and resolutions of the SDSTA are carried into effect.

Section 2. Delegation of Duties. Whenever an officer is absent or whenever for any reason the Directors may deem it desirable, the board may delegate the powers and duties of an officer to any other officer or officers or to any Director or Directors.

Section 3. Other Personnel. The SDSTA may employ consulting engineers, architects, attorneys, accountants, construction and financial experts, superintendents, managers, and such other employees and agents as may be necessary in its judgment, and fix their compensation.

Section 4. Bond. The Executive Director and such other officers or employees as the Board may from time-to-time designate shall execute a bond in the penal sum of \$100,000 or, in lieu thereof, the Chairperson of the SDSTA shall execute a blanket bond covering each Director, the Executive Director and the employees or other officers of the SDSTA, each bond to be conditioned upon the faithful performance of the duties of the office or offices covered and shall be executed by a surety company authorized to transact

business in this state and filed in the office of the Secretary of State. In lieu of the purchase of bonds, the SDSTA may purchase insurance providing the same general protection as the above-mentioned bonds, with a limit of liability not less than the amount set forth above. The cost of such bonds or insurance shall be paid by the SDSTA.

ARTICLE VI.

ADMINISTRATION

Section 1. Annual Audit and Accounting Procedure. The SDSTA may cause an audit of its books to be made at least once each year by an auditor or auditors designated by the Board of Directors, and the cost thereof shall be paid as a part of the administrative costs of the SDSTA.

Section 2. Documents. The Executive Director shall keep a record of the proceedings of the SDSTA and shall be custodian of all books, documents and papers filed with the SDSTA, the minute book or journal of the SDSTA, and its official seal. The Executive Director may cause copies to be made of all minutes and other records and documents of the SDSTA and may give certificates under the official seal of the SDSTA to the effect that such copies are true copies, and all persons dealing with the SDSTA may rely upon such certificates.

Section 3. Execution of Documents. All contracts and agreements entered into by the SDSTA may, unless the Directors by resolution otherwise direct, be executed on behalf of the SDSTA by any officer of the Board of Directors.

Nothing in these By-Laws shall be deemed to limit in any manner the right of the Directors by resolution adopted at a meeting to designate other or different officers to execute a specified document or documents at any time.

The Directors and officers of the SDSTA shall be permitted by resolution to use facsimile or electronic signatures where such are not prohibited by any rule of law.

Section 4. Fiscal Year. The SDSTA shall operate on a fiscal year basis beginning July 1 of each year and ending June 30 of the next succeeding year.

Section 5. Payments. All bills, notes, checks or other instruments for the payment of money shall be signed and countersigned by such officers and in such manner as may be prescribed by resolution of the Directors.

Section 6. SDSTA Action. Any action taken by the SDSTA under the Act may be authorized by resolution at any regular or special meeting, and each such resolution shall, unless otherwise provided therein or as required by applicable law, take effect immediately and need not be published or posted.

ARTICLE VII.

ANNUAL REPORT

The SDSTA shall keep an accurate account of all its activities and of all its receipts and expenditures and shall annually in the month of November, make a report thereof to the Directors, the Governor's Office of Economic Development and the Legislature.

ARTICLE VIII.

AMENDMENT

These By-Laws may be amended by the affirmative vote of at least four Directors of the SDSTA at any regular meeting, provided ten (10) days' previous written notice of the proposed amendment has been given to all Directors. Such notice may, however, be waived if unanimous consent is given to the adoption of the amendment.

Adopted as amended and restated this 18th day of September, 2014.

Chairperson

(SEAL)

ATTEST:

Secretary/Treasurer

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Discussion of Ellison Hill Option to Purchase Agreement - Mr. Tim Engel

Attached is the Ellison Hill Option to Purchase Agreement.

Recommended Action:

Motion to approve the Ellison Hill Option to Purchase Agreement.

Prepared by:
May, Adam, Gerdes & Thompson LLP
PO Box 160
Pierre, SD 57501-0160
(605) 224-8803

OPTION

I. GRANT OF OPTION:

For and in consideration of \$5.00 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Homestake Mining Company of California (“Seller”) does hereby give and grant unto the South Dakota Science and Technology Authority (“Purchaser”), the exclusive and irrevocable right and option to purchase the real estate described on the attached Exhibit “A” (the “Real Estate.”)

II. TERM OF OPTION:

This Option shall be exercisable by Purchaser from the date of the execution of this option through and including 5:00 p.m. (mountain daylight saving time) November 1, 2018.

III. EXERCISE OF OPTION:

This Option shall be exercised by Purchaser giving written notice to Seller in person, by United States mail or courier, of Purchaser's intention to exercise such option. This Option will be deemed to have been exercised if notice is personally delivered to Seller or mailed or sent by courier and actually received at these addresses:

Homestake Mining Company of California
ATTENTION: Closure Manager
11457 Bobtail Gulch St.
Central City, SD 57754

With a copy to:

Homestake Mining Company of California
ATTENTION: Regional Counsel
460 West 50 North, Suite 500
Salt Lake City, Utah 84101

In order to be effective, said written notice must be actually received by Seller no later than 5:00 p.m. (mountain daylight saving time) on November 1, 2018.

This address may be changed at any time during the option period by Seller giving notice of such address change to Purchaser by sending said notice via U.S. Mail to Purchaser, attention Executive Director, 630 E. Summit Street, Lead, South Dakota, 57754.

IV. CONSIDERATION FOR OPTION.

In consideration for Seller's grant of this Option, Purchaser agrees to pay \$45,000.00 upon the terms and conditions set forth in this Section IV. Purchaser agrees to pay \$15,000.00 upon execution of this Option by Seller; \$15,000.00 no later than January 1, 2015 and \$15,000.00 no later than July 1, 2015. All payments made by Purchaser pursuant to this Section IV shall be applied to the purchase price of the Real Estate. Purchaser may exercise this Option prior to making all of the payments called for by this Section IV, but in such event Purchaser shall only be entitled to a credit against the purchase price for the Real Estate in the amount of payments actually made.

V. TERMS AND CONDITIONS OF PURCHASE:

The terms and conditions of the purchase shall be as follows:

(A) PURCHASE PRICE:

The purchase price shall be \$600,000.00, payable in cash at the time of Closing, and subject to any credits to be applied pursuant to Section IV above;

(B) DEED and TITLE INSURANCE:

In the event Purchaser exercises this option, Seller shall furnish to Purchaser a quitclaim deed conveying the Real Estate in the form attached as Exhibit B, specifically subject to the lease agreement between Homestake and the City of Lead dated September 1, 1999 . Except for Seller's obligation to provide for asbestos removal as set out below in section V.D, the Real Estate and the improvements located thereon shall be conveyed "as is, where is." Seller will further reserve easements for access to the Real Estate as reasonably necessary for the purposes of continuing reclamation and closure activities; provided, however, that such access shall not unreasonably interfere with Purchaser's ownership and use of the Real Estate. Seller shall have no obligation to provide title insurance;

(C) TAXES AND ASSESSMENTS:

In the event Purchaser exercises this Option, Seller covenants that Seller will pay all of the real property taxes applicable to the Real Estate up to the time of Closing, including taxes not due and payable until after Closing. The parties acknowledge that real property owned by Purchaser is exempt from real property taxes. Seller shall also pay any special assessments that constitute a lien against the Real Estate or any special assessments, the statutory notice of which has been given by the applicable governmental authority;

(D) ASBESTOS. Within 360 days after Closing, Seller shall use its best efforts to remove and dispose of all asbestos in the surface buildings located on the Real Estate and do so up to industry standards. Seller and Purchaser shall share equally in the reasonable costs of said asbestos removal; provided, however, that Seller's share of the costs shall not exceed \$600,000.00. While conducting the asbestos removal, Seller shall provide to Purchaser monthly written statements of the costs incurred by Seller. Purchaser shall pay Seller one-half (1/2) of the amount of each monthly written statement within twenty (20) days after the date of each statement. This covenant on behalf of Seller shall survive

Closing and possession by Purchaser.

(E) CLOSING; POSSESSION DATE:

Closing shall occur within 90 days of the date of exercise of this Option.

Possession and risk of loss to pass to Purchaser upon the completion of Closing.

VI. EXCLUSIVE OPTION:

This Option is exclusive and irrevocable. It is mutually understood between the parties that during the term hereof, Purchaser shall have the exclusive and irrevocable right to purchase the Real Estate.

VII. MISCELLANEOUS:

(A) PURCHASER ACCESS TO REAL ESTATE. During the term of this Option, Purchaser shall be entitled to reasonable access to the Real Estate for the purpose of conducting environmental assessments and general surveys of the Real Estate.

(B) RELATIONSHIP TO PROPERTY DONATION AGREEMENT -
INDEMNIFICATION. Anything in the Property Donation Agreement between and among Seller, the State of South Dakota and Purchaser, dated as of April 14, 2006, as amended, to the

contrary notwithstanding, Purchaser shall have no obligation to indemnify, defend or hold Seller or any other person or entity harmless against any claims, damages or losses paid or incurred by Seller or any other person or entity relating to the Real Estate; provided, however, that Purchaser shall indemnify, defend and hold Seller harmless from and against any claims, damages or losses paid or incurred by Seller that arise solely out of activities undertaken by Purchaser on the Real Estate, and provided further that the indemnities for subsurface conditions set forth in the Property Donation Agreement shall still apply. Seller shall have no obligation to indemnify, defend or hold Purchaser harmless for any claims, damages or losses paid or incurred by Purchaser relating to the Real Estate.

(C). GOVERNING LAW. The terms of this Option shall be construed under and governed by the laws of the State of South Dakota.

(D). VENUE. Any lawsuits arising out of relating this Option must be brought in a court of the Unified Judicial System of the State of South Dakota.

(E). SUCCESSORS AND ASSIGNS. The terms, covenants and conditions of this Option shall be binding upon and inure to the benefit of the parties and their successors and assigns.

(F). ENTIRE AGREEMENT - AMENDMENTS. This Option constitutes the entire agreement of the parties concerning its subject matter and supersedes any prior discussions, negotiations or representations, oral or written, concerning its subject matter. The terms of this Option may only be amended by a writing executed with the same formalities as this Option.

(G). TIME OF THE ESSENCE. Time is of the essence in the performance of the covenants, terms and conditions of this Option.

(H). AUTHORITY TO EXECUTE. The persons executing this Option on behalf of the parties each warrant and represent that they have the power and authority to do so on behalf of the party they purport to represent.

(I). COUNTERPARTS. This Option may be executed in two or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same instrument.

(J) RECORDATION. Seller acknowledges and agrees that the Purchaser may record this Option in the land records in and for Lawrence County, South Dakota.

IN WITNESS WHEREOF, the parties hereto have caused this Option to be executed the day and year set forth in the acknowledgments.

South Dakota Science and Technology
Authority

By: _____
Casey Peterson
Chairman of the Board

Homestake Mining Company of
California

By: _____
Its: _____

By: _____
Its: _____

State of South Dakota)
)ss
County of _____)

On this the _____ day of _____, 2014, before me the undersigned officer, personally appeared Casey Peterson, who acknowledged himself to be the Chairman of the Board of the South Dakota Science and Technology Authority, a body corporate and politic, and that he as such Chairman, being authorized so to do, executed the foregoing name of the Authority by himself as Chairman.

IN WITNESS WHEREOF I hereunto set my hand and official seal this _____ day of _____, 2014.

(SEAL)

Notary Public
Notary Print Name:
My Commission Expires:

State of _____)
)ss
County of _____)

On this the _____ day of _____, 2014, before me the undersigned officer, personally appeared _____ and _____, who acknowledged themselves to be the _____ and _____ of Homestake Mining Company of California, a corporation, and that they as such _____ and _____, being authorized so to do, executed the foregoing name of the corporation by themselves as _____ and _____.

IN WITNESS WHEREOF I hereunto set my hand and official seal this _____ day of _____, 2014.

(SEAL)

Notary Public
Notary Print Name:
My Commission Expires:

EXHIBIT A

LEGAL DESCRIPTION OF REAL ESTATE

Tract One - "Ellison Hill": Tract F of the Yates Subdivision of the City of Lead, Lawrence County, South Dakota, as shown on that certain plat recorded in the office of the Lawrence County Register of Deeds as Plat Document number 2005-8217 and comprising 28.69 acres, more or less.

Tract Two - "Tramway": Tramway Tract of the Gold Run Addition to the City of Lead, Lawrence County, South Dakota, as shown on that certain plat recorded in the office of the Lawrence County Register of Deeds as Plat Document number 2005-4941 and comprising 4.70 acres, more or less.

EXHIBIT B

Prepared by and Recorded at the Request of:
Homestake Mining Company of California
Attn: Jaimee Allred
460 West 50 North, Suite 500
Salt Lake City, UT 84101
(801) 990-3900

DEED

Homestake Mining Company of California, a California corporation having a place of business at 11457 Bobtail Gulch Road, Central City, South Dakota 57754 ("Homestake"), for \$600,000.00 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby convey and transfer to the South Dakota Science and Technology Authority, a body corporate and politic of the State of South Dakota, having a place of business at 630 East Summit Street, Lead, South Dakota 57754 ("Grantee") all of Homestake's right, title and interest in and to those certain properties more particularly described as follows:

Tract F of the Yates Subdivision of the City of Lead, Lawrence County, South Dakota, as shown on that certain plat recorded in the office of the Lawrence County Register of Deeds as Plat Document Number 2005-8217 and comprising 28.69 acres, more or less; and

Tramway Tract of the Gold Run Addition to the City of Lead, Lawrence County, South Dakota, as shown on the certain plat recorded in the office of the Lawrence County Register of Deeds as Plat Document Number 2005-4941 and comprising 4.70 acres, more or less (collectively "Property"),

together with all easements, rights of way, rights of ingress and egress, and other rights, privileges and franchises, incidental, appendant or appurtenant thereto, as well as all improvements, fixtures and other personal property located thereon and subject to all encumbrances, easements and reservations, whether or not of record.

Homestake makes no express or implied representations or warranties of any kind as to the physical condition of or title to the Property or as to the suitability or fitness of the Property for any use. Homestake makes no express or implied representations or warranties of any kind as to environmental matters on, concerning or related to the Property.

Grantee has made an independent investigation of the title to the Property, has physically inspected the Property and has conducted all such inspections, investigations and surveys of the Property as Grantee deems necessary or appropriate.

Grantee agrees to accept the Property, including all improvements, structures or fixtures thereon, and its title "AS IS" and "WHERE IS" subject to all existing damages, defects, deficiencies, liabilities, including without limitation those arising from any hazardous substances, wastes, materials, petroleum products, other environmental contaminants or any detrimental environmental condition that may be present thereon, whether now known or unknown, provided that within 360 days after Closing, Grantor shall use its best efforts to remove and dispose of all asbestos in the surface buildings located on the Property and do so up to industry standards. Grantor and Grantee shall share equally in the reasonable costs of said asbestos removal. Any future improvements to the Property will be expressly the sole responsibility of Grantee, including damage, if any, resulting from such improvements.

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Executive Director's Report - Mr. Mike Headley

The Executive Director's Report includes the following:

6A. Declarations of Surplus - Mr. Mike Headley

1. Green Estate Items (attached)
2. Blue Cube Van (attached)

6B. SDSTA August Monthly Report - Mr. Mike Headley (Attached)

6C. Visitor Center Update and Underground Construction Update - Mr. Joshua Willhite (presentation)

6D. Neutrino Day Update - Ms. Constance Walter (presentation)

Recommended Action:

Motion to accept the Executive Director's report as presented.



DECLARATION OF SURPLUS PROPERTY

The South Dakota Science and Technology Authority (SDSTA) recently purchased a collection of historic mining equipment from the Mike Green estate. Items that cannot be used for current operations will be donated or offered for sale to the public through a sealed bid process.

Thirty-four items will be donated to the Black Hills Mining Museum, Broken Boot Gold Mine, City of Deadwood, City of Lead and the South Dakota Railroad Museum at their request. Donated items are itemized on Exhibit A, attached hereto and incorporated herein by this reference.

Thirty-seven items have been offered for sale to the public through a sealed bid process. These items are listed on Exhibit B, attached hereto and incorporated herein by this reference.

All items listed on Exhibits A and B are unusable and have no estimable value due to their age and condition and the cost of disposal. The SDSTA has no use for these items.

I hereby declare the seventy-one (71) items listed on Exhibits A and B to be Surplus Property.

Dated at Lead, South Dakota this 9th day of September, 2014.

A handwritten signature in blue ink, appearing to read "Mike Headley". The signature is fluid and cursive, with the first name "Mike" and last name "Headley" clearly distinguishable.

Mike Headley
SDSTA Executive Director

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DECLARATION OF SURPLUS PROPERTY

The South Dakota Science and Technology Authority (SDSTA) removed the 1998 Chevrolet High Cube Van, VIN #1GBHG31F0W1094021, from service earlier this year. The cost to restore the van to a safe and usable condition would greatly exceed its value.

The van was purchased July 13, 2007 for the amount of Nine Thousand Eight Hundred Fifty Dollars (\$9,850.00). Although it has been fully depreciated, the van's residual 10 per cent salvage value of Nine Hundred Eighty-five Dollars (\$985.00) will result in a small loss.

The SDSTA has no use for this vehicle. I hereby declare the 1998 Chevrolet High Cube Van to be Surplus Property.

Dated at Lead, South Dakota this 9th day of September, 2014.

A handwritten signature in blue ink, appearing to read "Mike Headley". The signature is stylized with a large, sweeping "M" and a cursive "Headley".

Mike Headley
SDSTA Executive Director

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South Dakota Science and Technology Authority

Monthly Report

August 2014

Mike Headley, Laboratory Director

Executive Summary

Science

The Large Underground Xenon (LUX) collaboration continued to assess performance of the LUX detector in preparation for the start of the 300-day run in fall 2014. Xenon purity continued to improve and the additional electrical safety inspections were performed. The majority of time was spent understanding current detector performance to ensure it is well characterized for the start of the upcoming data-taking run.

The MAJORANA DEMONSTRATOR (MJD) collaboration continues to make significant progress. String assembly and testing for the production Cryostat 1 continues. Calibration and background data are currently being collected on the first two enriched germanium detector strings assembled in July. Cryostat 1 will contain seven strings of enriched germanium detectors, with a total mass of approximately 20 kg. Background data continue to be collected using ten natural germanium detectors inside the Prototype Cryostat, which is inserted in the shield. The Prototype Cryostat has also been useful in commissioning both the shield and detector support systems such as data acquisition system.

The LUX-ZEPLIN (LZ) collaboration successfully completed an internal Director's review at Lawrence Berkeley National Laboratory (LBNL) in August. To support the proposed schedule, the collaboration has requested a Department of Energy (DOE) Critical Decision One (CD-1) review date in the first two weeks of December 2014. Surface infrastructure upgrades have been proposed for FY2015, contingent on LZ federal and SDSTA funding and completion of designs.

Review is underway for the 100% laboratory design, cost and schedule for the Compact Accelerator System for Performing Astrophysical Research (CASPAR) project. The next phase in the CASPAR safety readiness review process will be held in September and will include safety and engineering personnel from both Sanford Laboratory and LBNL (an initial safety readiness review was held in February 2014). Further discussions were held with representatives of the Black Hills State University (BHSU) Underground Campus (BHUC) regarding the General Services Agreement for FY2015 as well as other implementation requirements.

A paper summarizing aspects of Homestake geology with a special focus on densities of various rock formations was prepared by SDSTA and South Dakota School of Mines and Technology (SDSM&T) geologists, and was finalized for publication in the South Dakota Academy of Sciences (100th anniversary). Various researchers groups (notably LUX and MJD) will be able to use these data to update simulations of muon fluxes at the 4850L.

Underground Access

The Ross Shaft Rehabilitation team completed nine sets including the rehabilitation of the 1850L station. Total shaft refurbishment for the month equaled 150 feet for a project total of 2,015 feet from the surface. The crews will reach the 2000L in September, which will require a significant amount of rehabilitation and thus time.

The Yates Shaft team transported science personnel and materials and maintained the skip and cage compartments of the shaft. For August, 112 separate trips to transport materials were completed. Through the execution of the shaft maintenance effort, crews have addressed 147 individual pieces/panels of the shaft including the repair of six T3 condition timbers. A total of 233 out of 310 T3 condition timbers have now been addressed.

Facility Infrastructure

At the end of June, the water level in the underground pool was at 5,741 feet in elevation. This equals a 1-foot rise for the month. A new mixing tank was installed at the Waste Water Treatment Plant (WWTP) that is used to remove iron from the underground water. Installation of process piping, controls and electrical is near completion. This tank should reduce operating costs by \$3,000 to \$5,000 per month. Tuck-pointing and masonry repairs continued at the Ross and Yates hoist buildings to eliminate water infiltration and equipment damage.



South Dakota Science and Technology Authority

Monthly Report

August 2014

Engineering

A Long-Baseline Neutrino Experiment (LBNE) collaboration meeting was held July 30-August 1 at Fermilab and provided further clarification on the path forward for LBNE following the Particle Physics Project Prioritization Panel (P5) report. The LBNE collaboration is being reformulated to include additional international participation. Additional discussion was held comparing the advantages of a far detector at the second oscillation maximum as compared to the first maximum at Sanford Underground Research Facility. A decision is expected by the end of 2014 to support approval of the new LBNE collaboration and major mission parameters by the Fermilab Program Advisory Committee (PAC).

The Engineering team continued to support the LBNE Environmental Assessment (EA) process for the National Environmental Policy Act (NEPA), with all sections submitted for DOE review in July. The subsequent DOE review generated over 650 comments that will need to be addressed before the EA is released to the public. Public meetings for the EA will not be held this year as initially planned. The primary activities for the EA, while the LBNE Project is reformulated, is to address the comments received from DOE.

For the CASPAR and BHUC areas located near the Ross Shaft, the collaboration of Dean Kurtz Construction in Rapid City, SD and Leo A Daly architecture from Minneapolis, MN advanced facility designs to support construction in late 2014. Both the CASPAR and BHUC facility designs have reached the 100% completion level. Final cost and schedule estimates are in work to support the September 18 SDSTA Board of Directors meeting. SDSTA crews continue to install ground support in these areas and outfitting construction is planned to begin in early January. A safety review is being planned for September 25-26, 2014 to validate that the design recognizes and controls the hazards associated with the experiment.

Construction for the new Sanford Lab Homestake Visitor Center began on July 7. The contractor team is currently installing 22 deep piers down to bedrock to support the building's foundation. As of September 10, 13 piers have been installed. The Exhibit designs progressed on schedule towards a review that is planned in late October. One specific item to mention is an order to Situ Studios, a New York firm will be developing a 3D model of the underground space. A prototype is in work currently and the full model will be approximately 12 feet wide, 9 feet tall and 17 feet long and will be a centerpiece of the Visitor Center.

Environment, Health and Safety

The SDSTA had zero recordable injuries in August. The EHS Department finalized updates to our Lockout/Tagout policy. An update of the electrical safety policy is in work and along with strengthening of processes for work authorization. The next EHS Oversight Committee (EHSOC) meeting is set for the first week in November 2014.

The geochemical laboratory data analysis was completed for LBNE rock samples collected in early / mid 2014. The preliminary data suggests that the LBNE waste rock will be benign and may actually prove to be of significant benefit to the Gilt Edge reclamation as it has very good neutralizing ability of acid mine drainage.

Communications / Education and Outreach / Cultural

The SDSTA summer interns completed their internships in July and August including final internship presentations. SDSTA staff spent time in August in the central and eastern parts of the state, talking to tribal leaders, school administrators and teachers in Crow Creek, Lower Brule, Aberdeen and Sisseton.

Education Science Specialist Julie Dahl continued to work with a Lead-Deadwood High School Research class. Beginning the last week of August and continuing into September, students will get the opportunity to interact with various scientists at Sanford Lab, BHSU and the South Dakota School of Mines and Technology (SDSM&T) before deciding on a research project to pursue through the fall semester.

Finance and Contracts

For Sanford funded work, the SDSTA finished August \$4,062 under budget and is \$14,479 under budget for the state fiscal year. For DOE-funded operations, the SDSTA finished August \$102,047 under budget and is currently \$26,321 over budget for the year.

Underground Access Department
William McElroy, Director of Underground Access

Ross Shaft

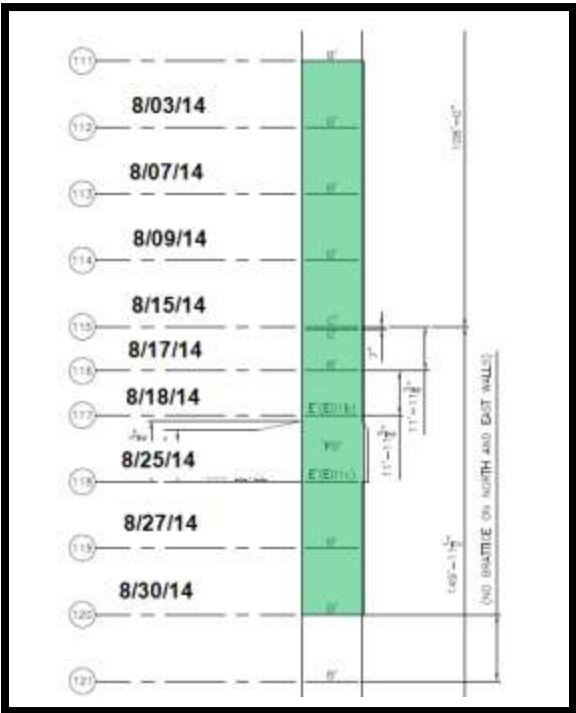
The Ross Shaft Rehabilitation Project completed its most productive month yet with the installation of nine new steel sets. A total of six "B", two "E" and one "CD" sets were installed covering a monthly shaft refurbishment length of 150 feet. The project has now completed over 2,000 feet in total shaft refurbishment, as set 120B is 2,015 feet down the shaft. Engineering tasks needed to support the project had made great gains over the past month with the successful completion of random rock bolt pull tests down to set 115CD and a Rock Mass Assessment (RMA) down to the 2150L. The RMA dictates that the shaft crews will continue to install ground control per pattern B, which involves four 4 feet and one 5-foot or 7-foot rock bolt per 3-feet x 5-foot area.

Yates Shaft

For the month of August, 112 separate trips to transport materials were completed. Over the past three months, the cage has operated an average of 106 cage loads per month. Through the execution of the Top Down Maintenance Project, shaft crews addressed 147 individual pieces/panels of the shaft, which includes the repair of six T3 condition timbers. A total of 233 out of 310 T3 condition timbers have now been improved upon through the Top Down Maintenance Project. In anticipation of installing a new shaft heater, the SDSTA Engineering team conducted a ventilation flow test with the help of Environmental, Health and Safety (EHS) team. A vapor machine was used to help identify airflow as it moved through the headframe and down the collar of the shaft. As a result, the new heater will be placed on the south side of the headframe. This should eliminate any icing in the shaft during the winter months.



ROSS - Transporting a Saddle for Set 115CD



ROSS - Progress to Date



YATES - Ventilation Flow Test in Head Frame



YATES - Transporting Liquid Nitrogen for LUX

PROJECT DETAILS (AUG FY15)		SDSTA CAPEX BUDGET SUMMARY		
Title	Director	Budget	Expenses	% Spent
Underground Access Dept.	McElroy	\$ 6,995,335	\$ 661,013	9%
<p>Legend:</p> <ul style="list-style-type: none"> Mo. Budget (Red bar) Mo. Actuals (Purple bar) ACTUALS CUM (Green line) BUDGET CUM (Blue line) 				
FINANCIAL STATUS				
Continuing to under run in CAPEX accounts for July and August				G
Gathering budget data to assist in planning for filling Ross skip pockets				G
PERFORMANCE STATUS LAST PERIOD				
ROSS				
Completed all necessary engineering checks, rock bolt pull tests, rock mass assessment, etc.				
9 sets installed over the past month. Complete through set 120B				
Completed refurbishment of 150' of shaft length in the month, and 2,015' overall				
Rehabilitated the 1850 station				
YATES				
Have transported 112 cage loads to support SDSTA and Science loads in the month				
Have addressed 147 individual pieces of the shaft structure (2,876 total since July 1, 2013)				
Have addressed 6 T3 condition timbers through adding support or replacing (233 of 310 total)				
Performed ventilation flow test in head frame to determine new shaft heater placement				
PLANNED ACTIVITIES NEXT PERIOD				
ROSS				
Complete design for addressing 2000 and 2300 skip pockets and 2000 station				
Complete shaft refurbishment through set 127E				
YATES				
Complete skip side Top Down Maintenance down through set 374 (2544' total)				
Complete bolting of rock seam from set 181-192 on east side of cage compartment				
MAJOR MILESTONES				
Ross - Complete to the 2000L	Q2 of 2015	G		
Ross - Hold Readiness Review for filling skip pockets	Q2 of 2015	G		
Yates - Reach 2750 with Top Down Maintenance -skip side	Q2 of 2015	G		

Facility Infrastructure Department

Tim Baumgartner, Director of Facility Infrastructure

Summary

Facility Infrastructure effort in August was directed to the following areas: facility maintenance, equipment repair, preventative maintenance, electrical and cyber infrastructure. During August, the facility infrastructure team worked extensively with the Engineering and Science Departments to focus on refining the operations and maintenance of specific subsystems including carbon monoxide (CO) monitoring, underground phones, leaky feeder (radio), power quality, building upgrades, pumping, dewatering and hoist maintenance and repairs.

Davis Campus Maintenance

The team monitored and assisted with new equipment installation and ensured the manufacturer standards were met. Electrical safety inspections and associated documentation continue for the Surface Lab equipment. Also, residue acid from copper cleaning was transported to the surface. Yates Shaft personnel assisted with delivery of supplies to the Davis Campus and participated in evacuation drills.

Surface Facility Maintenance Building and Grounds

The SDSTA completed all seven (7) day, thirty (30) day and annual (360) day preventative maintenance activities. Three staff members participated in the monthly Safety Committee meeting. Employees on light duty work restrictions are helping with security duties to ensure staff coverage at the main gate and other areas during work hours. Tuck pointing and masonry repairs continue at the Ross and Yates hoist buildings and fall/winter maintenance preparations have begun.

Waste Water Treatment Plant (WWTP)

At the end of August, the water level in the underground pool was at 5,741 feet. The total water level rise for the month was one foot. Near term plans are to maintain the water level to reduce pumping activity and thus power usage and cost. The team continued the advancement of job hazard analyses and standard operating procedures as well as supported the MAJORANA DEMONSTRATOR (MJD) with neutralizing chemical by-products of their process. All preventative maintenance duties were performed. Lab-wide cleanup and disposal of abandoned in place equipment is continuing. The WWTP leased mixing tank (called the Green Tank) has been replaced with a new steel cone bottom tank and the Green Tank has been removed off premises. Installation of process piping, controls and electrical is near completion.

Transportation and Mobile Equipment

The team performed vehicle preventative maintenance actions and repairs to fleet and site vehicles. Also, the team maintained underground locomotives and support equipment and completed maintenance on the skid steer loaders, air compressors, snow and hazard mitigation equipment. The team anticipates spending additional time underground as equipment needs on the 4850L increase.

Electrical and Cyber Infrastructure

During July, the SDSTA performed shaft pump preventative maintenance actions. The team continues to support the Ross Shaft Rehabilitation Project with the relocation of power cables in the shaft as the new steel is installed. The team continues to review and modify the underground communications infrastructure to ensure each level has functional copper-based phones and FEMCO (i.e. twisted pair) phones at each underground facility level; cable replacement continues below 1250L. A 48-count fiber optic cable was installed at the 4850L from the Ross Shaft to the Yates Shaft to provide a redundant path for the Programmable Logic Controller (PLC) network. Installation of carbon monoxide and airflow monitors at the Oro Hondo fan location is progressing well with good results. Infrastructure is being installed on the 4850L at the future CASPAR and BHSU areas for construction power and communications. Preparation and planning is underway for installation of additional Deep Underground Gravity Laboratory (DUGL) sites in late September.

Engineering Department
Joshua Willhite, Director of Engineering

Long-Baseline Neutrino Experiment (LBNE)

An LBNE collaboration meeting held July 30-August 1 provided further clarification on the path forward following the Particle Physics Project Prioritization Panel (P5) report. Despite earlier reassurance that the LBNE collaboration would not change, we have learned that the collaboration will be reconstituted to increase international participation. Additional discussions were held comparing the advantages of a far detector at the second oscillation maximum as compared to the first maximum. Potential foreign collaborators have been planning to study the second oscillation maximum, and therefore this issue must be resolved to gain support. A number of alternative sites at both the first and second maximum were identified for further analysis in early August. The SDSTA Engineering team is working to develop a factual spreadsheet capturing the technical characteristics of these alternatives.

The Engineering team continues to support the LBNE Environmental Assessment (EA) process for National Environmental Policy Act (NEPA), with all sections submitted for Department of Energy (DOE) review in July. Despite the uncertainties in scope, a decision has been made to address all DOE comments to produce a product ready for the public. Public meetings have been postponed until the scope can be confirmed.

The geotechnical drilling program completed early this year is nearing completion, with a presentation review being held September 4 at Fermilab. Comments or concerns expressed during this review will inform the final product, expected to be delivered shortly thereafter. The geochemical analysis is also nearing completion, with results favorable for the Gilt Edge disposal site. A meeting is scheduled in Pierre, SD with the South Dakota Department of Environment and Natural Resources (SD DENR) in September to further refine an agreement for the use of this site.

CASPAR (Compact Accelerator System Performing Astrophysical Research)

The SDSTA Board reviewed the CASPAR design and preliminary budget in early December, approving funding for the initial design and rehabilitation efforts. A collaboration of Dean Kurtz Construction in Rapid City, SD and Leo A Daly architecture from Minneapolis, MN was selected for this scope. The 100% deliverable for design, cost and schedule were provided in late July. Some small changes were still necessary following this submittal, and the month of August was spent addressing these comments and working toward a firm construction proposal. This proposal will be presented to the SDSTA board in September for approval.

The rehabilitation of the space for CASPAR, including ground support and shotcrete, is being performed by the SDSTA Hazard Mitigation Crew. A Request For Proposal (RFP) was awarded to Ainsworth Benning Construction in December to establish a service contract to supplement this crew in support of several projects including this one. The goal will be to provide access for the experiment in early 2015. Rehabilitation of the spaces continued through August with the space essentially ready for shotcrete by the end of the month.

Further evaluation of the impact of adding shotcrete to the BHSU Underground Campus identified a significant conflict between outfitting the CASPAR space while shotcreting the BHSU Underground Campus. This conflict has resulted in a delay of outfitting the CASPAR project until both this space and the BHSU space can be finished, which will be in January 2015.

A safety review is being planned for September 25-26, 2014 to validate that the design recognizes and controls the hazards associated with the experiment. This review will focus on both the infrastructure being provided by the SDSTA and the experiment itself.

BHSU Underground Campus

Black Hills State University submitted a proposal to develop a multipurpose clean and dirty space to support low background counting activities, biology study workstations and other future small-scale experiments. The design of this space was added to the contract with Dean Kurtz Construction and Leo A Daly due to the close proximity and potential for shared utilities with CASPAR. The 100% design, cost and schedule were provided in August. The estimates are approximately at budget for this project, with several design opportunities recognized to potentially reduce the cost.

A blasting consultant evaluated a hanging wedge of rock in the BHSU space for safe and low impact methods to remove this wedge without affecting ongoing electroforming operations in the MAJORANA electroform room approximately 55 feet away. This consultant is confident that this can be done and will return to site in early October to assist in the process. This schedule aligns with the Hazard Mitigation Crew availability.

Visitor Center

A Guaranteed Maximum Price (GMP) was agreed upon in June and construction commenced July 7 for the Sanford Lab Homestake Visitor Center. Assembly of reinforcing steel is ongoing, and the first hole was drilled to bedrock (85 feet deep) on August 1 and hole number 11 drilled and ready for concrete on September 2. A total of 22 drilled piers filled with concrete will be drilled and poured prior to placement of an 18-inch thick structural slab covering the entire building footprint. In total, more than 900 cubic yards of concrete will be required to complete this project. Piers are planned to be completed by late September.

Exhibit design continues to progress with focus on specific exhibit content in July. This aspect of the project is also on track to allow for a June 2015 opening. One specific item of progress is the order to Situ Studios, a New York firm will be developing a prototype of a 3D model. The model is a prototype for a full model of the Sanford Lab underground area. The full model will be approximately 12 feet wide, 9 feet tall and 17 feet long and will be a centerpiece of the Visitor Center. The first several levels were fabricated in August. The SDSTA drafter worked with Situ Studios through July to ensure accuracy of the digital model to be used in producing the physical model. An additional focus was spent on defining video content for the multiple screens to be included in the center. The SDSTA Communication Department will manage the production of this video content.

Other

One of the processes at the Waste Water Treatment Plant uses a tank to mix a chemical with the water for iron agglomeration and removal. Since re-entry, a rented tank has been used for this purpose. The replacement tank was installed and commissioned in August, with the rental tank ready to be removed from site September 4.

Environment, Health and Safety (EHS) Department
Noel A. Schroeder, EHS Director

Environmental Summary

Environmental Communication

The Department of Environment and Natural Resources (DENR) inspection report for the Waste Water Treatment Plant (WWTP) was received and indicated no outstanding issues.

The Long-Baseline Neutrino Experiment (LBNE) Environmental Assessment (EA) scope is being revisited in light of likely European participation. The new scope would include an increase in underground cavern size with the likely scenario of all excavated rock destined for the Gilt Edge superfund site rather than the Homestake-owned Open Cut. The DENR was updated on the Gilt Edge superfund site agreement and LBNE EA progress.

The DENR provided a written inspection report concerning the Clean Water Act Compliance. The inspection report stated, "The administration and operating personnel are commended for the excellent operation, maintenance, and preventive maintenance programs."

A close out letter was received from the DENR regarding the diesel fuel spill from October 21, 2013. The letter stated, "the state does not intend to require additional assessment of cleanup activities to report contaminants at this site."

The Environmental Protection Agency (EPA) was contacted and updated concerning the list of chemicals that are discharged to the Davis Gray Water Sump.

Environmental Compliance

Water

Waste Water Discharge Summary through September 2, 2014:

*Total water discharged through outfall 001 since June 5, 2008: **4,566,123,510 gallons***

*Total Underground water treated since June 5, 2008: **2,703,238,365 gallons***

*Total Tailing water treated since June 5, 2008: **1,996,916,343 gallons***

*Total water discharged to sewer since June 5, 2008: **97,501,502 gallons***

There continues to be no news in regard to the renewal for the National Pollution Discharge Elimination System (NPDES) Permit SD0000043. SDSTA has been legally operating (discharging underground water and Barrick's tailing water) under this expired, existing permit.

The July Discharge Monitoring Report (DMR) was completed in the month of August. There were no violations. The DMR was electronically filed utilizing the NetDMR reporting tool. The DMR-QC/QA reporting was also completed during August.

The Davis Campus wash water was sampled for coliform/bacteria in August. Sampling indicated there were no bacteria in the Davis Campus wash water supply.

The annual Bio-monitoring and water sampling of Gold Run and Whitewood Creeks was completed during August.

A storm water inspection was completed in August due to heavy rains.

Air

Data continues to be collected for stationary internal combustion engines.

Solid Waste

Various waste streams were sampled and tested for hazardous waste characteristics that included WWTP chemicals, lead paint, asbestos containing materials and old roofing materials.

National Environmental Policy Act (NEPA)

The geochemical laboratory data and petrography was completed for samples collected in August. The preliminary data suggests that the LBNE cavern rock is benign and may actually prove to be of significant benefit to the Gilt Edge reclamation as it has very good neutralizing ability of acid mine drainage.

The LBNE EA scope is being re-considered in light of the Particle Physics Project Prioritization Panel (P5) recommendation to provide additional international participation in LBNE.

Environmental Support Tasks

The initial work process on the SHPO Section 106 application, to demolish the Tramway, commenced during the month of August.

Site Global Positioning System (GPS) coordinates were entered into various manuals and plans to better identify their locations.

Lawrence Berkley Historical Preservation personnel were provided a tour site-wide and were informed of the EA work to date.

Historical data was collected and graphed for a state contractor working on a water temperature study for Whitewood Creek.

Recyclables were collected and shipped off-site by Pacific Steel. An agreement was established where Pacific Steel would compensate Sanford Lab for all recyclables including paper, cardboard, e-wastes, plastics, and batteries.

Health and Safety Summary

Total Recordable Case (TRC) and Days Away Restricted Transfer (DART) cases by year – including SDSTA employees, researchers and contractors.

	2013	Rate	August 2014	2014 to date
<i>TRC Cases</i>	10	8.2	0	3
<i>DART Cases</i>	3	2.5	0	3

TRC = more than first aid treatment was given.

DART = more than first aid treatment was given AND restrictions were job limiting or the employee could not work (subset of a TRC).

August 2014 DARTS/TRC:

- No events to report

August 2014 First Aid Cases:

- August 3: Pipe truck impacted side of technicians foot; ace bandage only

August 2014 Category 1 or 2 Events:

- No events to report

August 2014 Category 3 Events:

- No events to report

August 2014 Items of Interest:

1. Review of Lock Out/Tag Out and Electrical Safety Policy, identified commercial resources needed to move forward with review, update, and roll-out of each policy
2. Revised "First Report and Incident Investigation" Report to include Shift detail and updated Emergency Response Chart and Incident Command System documents
3. Conducted General Safety Basic (GSB) training and Emergency Response and Underground Rescue Training
4. Provided training for new custodian contractor
5. Reviewed and assisted with development of several Job Hazard Analyses
6. Provide EHS oversight at the Sanford Lab Homestake Visitor Center project
7. Reviewed and approved incoming chemicals for use onsite
8. Conducted monthly Safety Committee meeting and one safety sweep: walkway between the Education & Outreach Building and the Surface Laboratory
9. Continued to follow light-duty personnel as well as first aid intervention cases
10. Investigated carbon monoxide bump levels in the Ross shaft; continue to monitor
11. Conducted Automatic External Defibrillators and Fire Extinguisher monthly checks as well as calibrations of gas testers
12. Maintenance and repair on underground muon detector
13. Graphed temperature and relative swings during loss of chilled water in Davis Campus
14. Evaluated radon level increases following Oro Hondo fan shutdowns
15. Measured particle counts upwind and downwind of the clean room (TCR) drift filter
16. Staff attended a Homeland Security Conference in Rapid City
17. Provided EHS support for Compact Accelerator System Performing Astrophysical Research (CASPAR) Safety Review and MAJORANA Phase II Review
18. Ordered new containers for fall arrest equipment on 4850L
19. Inspected fire hydrants on laboratory property
20. Conducted weekly Davis Campus walk through safety inspection
21. Provided Emergency Response Training for team

Science Department

Jaret Heise, Science Director

Due to intense thunderstorms in the area on August 5, personnel were requested to use one of the earlier day shift cage times to return to the surface. This precaution mainly affected the MJD crew that came to surface 45 minutes earlier than scheduled.

There was good progress on safety procedures for various facility tasks at the Davis Campus, including the review and approval of a procedure for accessing the top of the water tank. Science and EHS personnel were on-hand to observe the procedure being exercised, and a few modifications will be made.

With phones on the lower level of the Davis Campus now dedicated to low-background counting groups, a new phone was installed in the LUX space for their use.

A paper summarizing aspects of Homestake geology with a special focus on densities of various rock formations was prepared by SDSTA and South Dakota School of Mines and Technology (SDSM&T) geologists, and was finalized for publication in the South Dakota Academy of Sciences (100th anniversary). Various researchers groups (notably LUX and MJD) will be able to use these data to update simulations of muon fluxes at the 4850L.

Davis Campus evacuation drills/discussions continued through August, continuing with a focus on self-rescuer awareness and including full disassembly of both the regular-issue filter respirators (W-65s) as well as the oxygen-generating self-contained self-rescuers (Oxy-Ks).

Minor maintenance was performed at the Surface Laboratory in August, including sealing windows and fixing a leaky faucet. Multiple groups continue to use the facility.

Large Underground Xenon – LUX

Extensive detector performance optimization studies continue to be performed. In the meantime, xenon purity (as measured by electron lifetime) continues to improve and now exceeds 500 microseconds, which was the purity level during Run 3.

Detector background data were collected and there were significant calibration activities in August. The AmBe neutron source was deployed and the Cf sources that were sent to NIST for characterization were re-sealed in their acrylic enclosures and successfully leak tested. The neutron generator is expected to resume operation in September, with approximately 2.5 times the statistics of the data collected during the 2013 Run 3 campaign proposed for the initial data set. Periodic calibrations using the neutron generator are planned throughout Run 4.

Work performed on the muon veto system in August included identifying light leaks on water tank and integrating the muon data into the main detector data stream. A new LED relay box is being built to replace a malfunctioning unit. In addition, LUX is working generally to identify and reduce bottlenecks in computing and data flow for the upcoming run. The time server on the slow control master has been reset to resolve a synchronization issue with the data acquisition system.

Both xenon circulation pumps continue to operate stably with replaced diaphragms. A rebuilt circulation pump was returned from the factory and will be swapped in to allow one of the other pumps to be sent to the factory for a rebuild, ensuring for a reliable spare. Also, both pumping carts have been inspected and rebuilt as needed and instructions have been posted for proper care and use. One of the sampling system scroll pumps is not working and is being investigated for repair.

Hardware to conduct a resistance measurement of the LUX detector field cage has arrived onsite, and a JHA for performing the test has been developed. SDSTA electricians will inspect the equipment in early September and review the procedure.

The LUX chemical inventory and SDS binder was updated to new chemical that were brought onsite recently. As well, content labels were added to xenon storage vessels based on suggestions from SDSTA EHS personnel.

In August, training was conducted for researchers on the following systems: xenon gas and liquid nitrogen.

The average LUX crew in August consisted of approximately 7 people for a combined total of 810 hours. LUX held their collaboration meeting and analysis workshop onsite in Lead mid-August.

MAJORANA DEMONSTRATOR – MJD

String assembly and testing for production Cryostat 1 continues. Calibration and background data are currently being collected on the first two enriched germanium detector strings assembled in July. Cryostat 1 will contain seven strings of enriched germanium detectors, with a total mass of approximately 20 kg.

Background data continue to be collected using ten natural germanium detectors inside the Prototype Cryostat, which is inserted in the shield. The Prototype Cryostat has also been useful in commissioning both the shield and detector support systems such as data acquisition system.

Improvements to the main shield continue to be made, including further adjustments to both the inflatable seals as well as the boil-off nitrogen flow. MJD has finalized the final stage of the shield design, mainly related to fire safety associated with enclosing combustibles such as the poly shield, and is expected to request authorization to proceed to complete the shield in September. Cryostat calibration activities continue using custom line sources (Th-228 and Co-60) in addition to the Ba-133 gamma-ray source.

With four of the six sides of the muon veto system instrumented surrounding the main detector shield, high-quality muon-flux data continue to be collected at the Davis Campus. The average densities reported in the Homestake geology paper are slightly higher than those used for simulations to date. Furthermore, simulations using the MUSIC physics package with improved angular distributions are also being considered.

Green corrosion was noticed on Vespel signal connectors. Ongoing Sanford Lab reactivity monitoring has shown no evidence of corrosion due to agents such as Hydrogen Sulfide (H_2S). Chemical analysis tests performed at SDSM&T suggest that nitric acid used in cleaning may be contributing by etching some of the plated coatings on the pin connectors.

Current liquid nitrogen (LN_2) consumption is relatively high due to testing multiple detector strings in string-test cryostats as well as increases to the boil-off nitrogen used to purge the shield volume in support of background data collection using the Prototype Cryostat. Recently over the four-day maintenance periods when there is no regular underground access for researchers, SDSTA Operations personnel performed MJD dewar swaps at the Davis Campus. In early September, SDSTA Operations personnel also performed an unanticipated LN_2 dewar swap at the electroforming laboratory near the Ross Shaft.

The Atlas thermosyphon dewar that was damaged in April has since been repaired and modified, and has been returned underground to the Detector Room.

Two minor incidents were reported in August. In one case, regular monthly radioactivity contamination swipes turned up elevated counts ($\sim 3x$ background levels). Upon further investigation, including overnight counting using the Berkeley Low-Background Counting Facility (BLBF) HPGe detector, the cause was attributed to collection of radon on plastic surfaces, possibly enhanced by the recent reduction in relative humidity at the Davis Campus. A second incident involved an unexpected splash of liquid nitrogen from a hose during a dewar swap; there was no injury to personnel.

Thorough cleaning was performed at the Electroforming laboratory near the Ross Shaft, and adjustments were made to the HEPA blowers to increase the differential pressure.

There were no significant MJD activities at any of the surface facilities in August.

MAJORANA continued with a significant presence through August, with an average crew of almost 10 people combining for a total of 1644 hours, including several night shifts. Also, note that the MJD collaboration meeting was held in August in Denver.

Center for Ultra-Low Background Experiments in the Dakotas – CUBED

The CUBED low-background counter was offline during much of the month due to electrical issues with the signal cables. A portion of the detector shield was disassembled to support the successful repair in late August. Detector calibrations are currently underway with an empty Marinelli beaker. As well, polyethylene blocks were installed around a section of the shield in preparation for the upcoming LUX neutron generator operation. Safety issues with one of the CUBED members were addressed in a meeting held with the CUBED Principal Investigator.

Berkeley Low-Background Counting Facility – BLBF

The BLBF low-background counter continued to assay samples through August, including timely help to resolve the question of contamination in the MJD laboratory spaces. Collaboration members are planning a trip to Sanford Lab in September to re-package shielding materials in preparation for the installation of a second high-purity germanium detector at the Davis Campus.

Other Current Research Activities

The LUX-ZEPLIN (LZ) successfully completed an internal Director's review at LBNL in August. To support the proposed schedule, the collaboration has requested a DOE Critical Decision (CD-1) review date in the first two weeks of December 2014. Surface infrastructure upgrades have been proposed for FY2015, contingent on LZ federal funding and completion of the associated designs.

Review is underway for the 100% laboratory design, cost and schedule for the Compact Accelerator System for Performing Astrophysical Research (CASPAR) project. The next phase in the CASPAR safety readiness review process will be held in September and will include safety and engineering personnel from both Sanford Laboratory and LBNL (an initial safety readiness review was held in February 2014).

Further discussions were held with representatives of the Black Hills State Underground Campus regarding the General Services Agreement for FY2015 as well as other implementation requirements.

Preparations are underway to support the first installations of the expanded Deep Underground Gravity Laboratory (DUGL) seismic array planned to start on both the surface and underground later in September. There has also been some iteration on updated implementation documents such as the experiment planning statement.

Geology: Representatives from the U.S. Geological Survey Hydrogravity research group returned to Sanford Laboratory in August to collect local gravity measurements both on surface and underground. Locations underground include several sites on both the 4100L and 4850L. A trip was also safely coordinated to repeat measurements on the 300L, however the marker at one of the measurement sites outside the 300L entrance was not found. Another site near the 300L entrance at the Ellison fan tunnel was inspected briefly for possible future experiments.

Recent interest was expressed from the SDSM&T geological engineering group involving a possible research partnership with a commercial ground support supplier. A site evaluation trip is planned for September.

Biology: A member of the NASA Astrobiology Institute group visited the Laboratory in August in order to collect rock samples representative of the core samples obtained in April. Hand samples of Amphibolite, Rhyolite and Poorman formations were collected from various areas on the 4850L, and will be used in some initial microbial incubation studies. Several drill holes of interest on the 4850L, were inspected and future plans were discussed. Experiment planning statements were reviewed for both the NASA NAI group as well as a biology research group from the University of California at Santa Barbara.

Engineering: The FY2015 fee structure for commercial groups is under review to be used with groups such as Xilinx. Payee documents from Xilinx have been completed to facilitate compensation for services rendered.

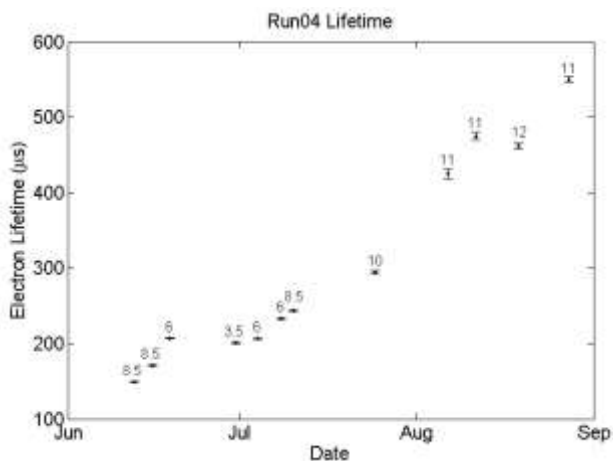


Fig. 1 LUX xenon purity improvements as function of time.



Fig. 2 Sanford Lab personnel assist members of the USGS Hydrogravity group load gravity measurement equipment onto the Yates cage.

Education and Outreach Department

Ben Sayler, Director of Education and Outreach
KC Russell, Cultural and Diversity Coordinator

Education Offerings / Programs

The bulk of staff time in August was spent on the following:

- Documenting and assessing activities that were conducted in the busy spring and summer months,
- Writing and/or adapting lesson plans tying Sanford lab science and engineering topics into the state curriculum at various grade levels
- Developing databases to track students, teachers and events
- Updating the education webpages and developing a form for field trip requests
- Planning for an National Science Foundation (NSF)-funded Education Think-tank in September, upcoming grant opportunities and fall field trip requests

Cultural Activities

KC Russell spent time in August in the central and eastern parts of the state, talking to tribal leaders, school administrators and teachers in Crow Creek, Lower Brule, Aberdeen and Sisseton.

K-12 Activities

Education Science Specialist Julie Dahl is continuing to work with the Lead-Deadwood High School Research class. Beginning the last week of August and continuing into September, students will get the opportunity to interact with various scientists at Sanford Lab, Black Hills State University (BHSU) and South Dakota School of Mines and Technology (SDSM&T) before deciding on a research project to pursue through the fall semester.

Public Outreach

The Sanford Lab Education & Outreach (E&O) Department staffed outreach tables for Lead Live on August 12 (Science, Technology, Engineering and Mathematics (STEM) Education Specialist Bree Reynolds) and Spearfish Friday nights on August 15 (Julie and Bree). Between the two events, sixty people, mostly youth, made MarkerBots and took home – a fun activity that combines engineering and art.

Road Scholars talks continued in August with one presentation. Weekly talks are scheduled for September as well.

Other Activities

E&O Deputy Director Peggy Norris attended a town meeting on Education and Innovation organized by the American Physical Science Division of Nuclear Physics held at Michigan State University. She reported on educational activities underway at Sanford Lab associated with the MAJORANA DEMONSTRATOR (MJD) experiment and the future Compact Accelerator System for Performing Astrophysical Research (CASPAR) experiment, both of which are supported by the nuclear science community.

Table 1. Estimated Audience Served – August 2014

Group	Students					Educators			Community		
	K-5	6-8	9 -12	Undergrad	Graduate	K-12 Teachers	Univ. Faculty	Informal	Parents	Sanford Lab Staff	General Public
ON-SITE											
Intern Presentations				2						17	3
SDSMT Faculty							1				4
<i>Subtotal</i>	0	0	0	2	0	0	1	0	0	17	7
OFF-SITE											
Education Workshop (Michigan State)							40				
Rotary Club ** (Brookings)											100
Road Scholars (1 session)											41
Spearfish Friday night											40
LEAD Live											24
Lead-Deadwood High School			5			1					
<i>Subtotal</i>	0	0	5	0	0	1	40	0	0	0	205
VIDEOCONFERENCE											
<i>Subtotal</i>	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	5	2	0	1	41	0	0	17	212
Grand Total: 278 students, educators and members of the general public.											

****Communication Department activity**

Communications Department

Constance Walter, Communications Director

Visitor Center Exhibits

Communications Director Connie Walter and Multimedia Specialist Matt Kapust are working on identifying talent and content for videos that will be part of the exhibits at the new Sanford Lab Homestake Visitor Center. Matt worked with a photographer who shoots time-lapse video of the Milky Way. The photographer, Randy Halverson, spent one night shooting the cosmos over the head frames. His videos will be used as b-roll and as screen savers in the exhibits.

Connie and Matt are working with Black Hills State University (BHSU) professors and STEM Liaison Rachel Headley to identify students who might participate in the development of these videos.

Presentations

Connie gave presentations to the Brookings Rotary Club on August 12—nearly 100 Rotarians attended the meeting—and at the South Dakota Association of Mutual Insurance Companies conference in Spearfish.

Connie and Mark Hanhardt provided a workshop at Sanford Lab on how to communicate with non-scientists about the research taking place at Sanford Lab.

Connie and Matt are working with researchers at Gran Sasso on a 20-minute presentation (from the underground) for European Research night, which will take place September 26, in L'Aquila, Italy.

Media/Press/Underground tours

Connie participated in underground tours with members of Senator John Thune's and Senator Tim Johnson's staffs.

Connie accompanied journalist Michael Shirber underground. Michael is preparing a feature on the MAJORANA DEMONSTRATOR experiment, which will appear in Physics World.

Connie met with South Dakota Public Broadcasting to discuss a possible 60-minute documentary of Sanford Underground Research Facility.

Graphics and website

New signs were installed on the property. The signs give the lab a uniform look with a current logo and information. A booklet for the Sanford Lab Multimedia center was finalized and sent to the printer. Matt is working with Education Specialists Julie Dahl and Bree Reynolds to update information on the education section of the webpage. Connie is continuing to update information in other sections.

Video

Matt began working with BHSU STEM Liaison Rachel Headley, SDSTA Engineering Director Joshua Willhite and Connie to brainstorm ideas for video exhibits at the new visitor center. Matt recorded an Annual Refresher Training session for July and it is available online for those who need to make up the session.

Photography highlights in August

1. Aug. 13: First pillar installed at visitor center
2. Aug. 15: Lux collaboration photo
3. Aug. 28: Bio-monitoring and electrofishing
4. Aug. 28: Waster water treatment plant tank upgrades

To view albums in the Sanford Lab Photo Gallery go to: <http://pics.sanfordlab.org/t216003594>

Miscellaneous

The Communications Department continues to develop stories for Deep Thoughts; update the website; perform general web maintenance; and provide photographs to the media, science collaborations and educational institutions, and other laboratory departments.

Upcoming projects

1. Raw Science news team
2. International video conference with Gran Sasso (Sept. 26)
3. SDSU presentation (possibly in October)
4. NSF will be on site in October or November to interview Dan McKinsey about LUX
5. Updating Deep Science presentation to make it more interactive
6. Work continues on the Visitor Center Exhibits/videos
7. Updates to the website have begun and will continue over the next several weeks
8. Updates to Education website
9. Communications Strategic Planning/Identity Standards
10. Presentation, Rushmore Rotary (October)

News coverage in August 2014

In addition to news, magazine and science articles, KDSJ regularly interviews Constance to find out what is happening at Sanford Lab.

- Aug. 30: [Three University of Alabama physicists get funding to participate in international dark matter experiment](#) by Molly Olmstead, Tuscaloosa News
- Aug. 27: [Strange Neutrinos from the Sun Detected for the First Time](#) by Clara Moskowitz, Scientific American
- Aug. 26: [Chinese team is catching up in hunt for dark matter](#) by Adrian Cho, Science Magazine
- Aug. 21: [Univ. of Washington project becomes focal point in hunt for dark matter](#) by Vince Stricherz, R&D Magazine
- Aug. 18: [New dark matter detector gets green light](#) by Gail Wilson, Imperial College, London
- Aug. 13: [Sanford Lab's new clean room will welcome student scientists](#) by Meredith Colias, Rapid City Journal
- Aug. 12: [BHSU receives \\$125,000 grant for underground campus at Sanford Lab](#) by BHSU Writers, Black Hills State University
- Aug. 12: [Scientists try to shine light on dark matter](#) by Rob Reynolds, Al Jazeera [edit](#)
- Aug. 07: [Hunt for dark matter takes physicists deep below earth's surface, where WIMPS can't hide](#) by Margaret Allen, Phys.org
- Aug. 04: [Majorana moves out of R&D, into production](#) by Adam Hurlburt, Black Hills Pioneer
- Aug. 02: [Professors discuss the connection between art and science](#) by Staff Writers, Black Hills Pioneer
- Aug. 01: [Work begins on Sanford Lab Visitor Center](#) by Staff Reporters, KDLT



Installation of support beams began in August for the Sanford Lab Homestake Visitor Center. Holes drilled to bedrock and filled with concrete will serve as the foundation for the new building.

Top: Two cranes lift a 100-foot tubular “cage” of rebar to be lowered down a drill hole of equal depth.

Center left: Construction workers tie steel rebar together in one long piece.

Center right: Crews guide the steel structure down the drill hole.

Right: Concrete is pumped down the hole.



Top: Contractors from GEI Consultants perform the Sanford Lab's annual biomonitoring. Fish and other organisms are counted and weighed to determine the health of the stream.

Center left: A new tank used to separate iron from the underground water will save time and money. The new grey tank to the left (and in the center right photo) will replace the green one in the right of this picture.

Center right: The new tank is lowered through the roof of the influent building.

Right: Flocculant is added to the iron rich water in the new tank. If you look close you can see the iron begin to clump together below a thin layer of clear water.



Business Services Department
Sharon Hemmingson, Business Services Manager

Contracts and Procurement

Lawrence Berkeley National Laboratory (LBNL): LBNL issued Modification No. 24 to SURF Support adding \$1,710,000 in incremental funding. Another Modification is expected in September to award initial FY2015 funds.

Long-Baseline Neutrino Experiment (LBNE): Proposals were received from Arup for Excavation Preliminary Design and Building & Site Infrastructure Preliminary Design, and revisions were requested to align scope and costs with Fermilab expectations. The Staff Services FY2015 proposal was submitted to Fermilab for review.

Federal regulations require SDSTA to maintain a Code of Business Ethics and Conduct, including annual awareness training and reporting and establishment of a hotline to protect whistleblowers. There were no reports of unethical conduct or waste, fraud or abuse relative to the 1,995 contracts and purchase orders issued in 2013 or the 1,216 contracts and purchase orders issued to date in 2014 (totaling \$12.2M and \$2.6M, respectively). One complaint was submitted to the State during this period from a contractor who was not selected for a project. The State reviewed the complaint against the Request for Proposal and SDSTA's selection process, and determined the complaint was without merit.

SDSTA issued a Request for Sealed Bids for surplus equipment purchased from the Mike Green estate. Items that could not be put into service at the Sanford Lab were first offered to local governments and museums for display, and the remaining items are now offered to the public through a sealed bid process. Information about the items and the sale can be found on the Sanford Lab website: <http://www.sanfordlab.org/business/contracts>.

Request For Proposals (RFPs) and Contracts Status Report – AUGUST 2014

Contractor / Vendor	Type	Project	Amount
Albertson Engineering Inc. #2014-22	CO#1	Design Manuel Bros. Park restroom facilities	\$4,200 (Capex)
Dangermond Keane Architecture #2013-30	CO#3	Design and prepare documents for Manuel Bros. Park restroom facilities	\$5,000 (Capex)
Terracon Consultants, Inc. #2013-38	CO#3	Administrative changes	n/a (Capex)
Terracon Consultants, Inc. #2013-38	CO#4	Establishes hourly rate for G. Rome	n/a (Capex)
Terracon Consultants, Inc. #2013-38	CO#5	Extends contract to October 1, 2015	n/a (Capex)
CVD Construction, Inc. #2014-09	CO#1	Extends Yates Access Tunnel Repair Project through April, 2015	n/a (Sanford)
G.L. Tiley and Associates #2013-39	CO#2	Adds funding	\$25,000 (Sanford)
Galyn Rippentrop #2013-06	CO#4	Increase funding, extend to September 30, 2015	\$5,000 (Sanford)
New Results PM Group #2012-49	CO#2	Add funding, extend to 9.30.15	\$50,000 (Sanford)
Ainsworth-Benning Construction #2013-40 (Hazard Mitigation crew)	CO#2	Adds equipment rates; names David Vardiman SDSTA representative for Tramway Project	n/a (Sanford)
Ainsworth-Benning Construction #2013-40 (Hazard Mitigation crew)	CO#3	Extend contract to June 30, 2015	n/a (Sanford)
Request for Quotations – SLHVC Cage Refurbishment	Due Sept 5	Refurbish a cage from the former Homestake gold mine for use as an exhibit in the new SLHVC	(Sanford)
CVD Construction, Inc. #2014-10	CO#1	Add replacement of rubber flaps on Yates Hoist Room Cage Hoist rope opening to scope (NTE)	\$5,000 (DOE)
Albertson Engineering #2013-09	CO#6	Increase funding and extend to September 30, 2015	\$15,000 (DOE)
Silver State Wire Rope & Rigging, Inc. #2014-18	Contract	Bi-annual NDT wire rope testing – Year 1	\$19,000 (DOE)
CVD Construction, Inc. #2014-05	CO#1	Add lintel repairs at Ross to scope of work	\$36,035 (DOE)
Request for Sealed Bids – Green Historical Collection	Due Sept 17	Items from the Mike Green estate collection of mining equipment offered for sale to the public	n/a
Pacific Hide and Fur Co. #2012-32	CO#3	Adds Surface Scrap Metal salvage to scope; extends contract to December 31, 2015	n/a
Arup USA, Inc. #2013-07	Task Order	LBNE A/E Services, Excavation Preliminary Design	<i>Pending review</i>
Arup, USA, Inc.	Contract	LBNE A/E Services, Building & Site Infrastructure Preliminary Design	<i>Pending review</i>

Purchase Orders (POs): 134 POs were issued in August, totaling **\$428,224.64**.

Warehouse Inventory: Warehouse inventory on August 31, 2014 totaled \$221,175.42. This includes \$18,290 that would have been charged out in August, but is held up pending receipt of remaining items to complete the purchase order. Upon purchase order completion, the actual August value will total **\$202,885.42**.

Information Technology (IT)

IT responded to 23 help desk-related work orders this month (196 year-to-date), with six currently open.

Network diagrams and updates were finalized with assistance from Golden West. Phase 1 will include a three month planning, conversion and implementation stage for Microsoft mail and Microsoft Office products, followed by hardware upgrades at the start of 2015.

User Support Office (USO)

For the month of August, logistical and administrative support were provided for the following:

- August 12: Julie Bauer Family Visit and Underground Tour/Attend Intern Presentations
- August 15-16: LUX Collaboration Meeting
- August 17-18: LUX Analysis Workshop
- August 19: Sen. Thune's staff Jon Abdnor and Local Community Leaders Visit and Underground Tour
- August 25: Sen. Johnson's staff Joshua Tonsager and Colleagues Visit and Underground Tour

Preparation and planning continue for upcoming meetings and events to be held at Sanford Lab:

- September 12: SDSTA All Hands Meeting
- September 16-17: Homeland Security Inspection / Dash Board Update
- September 18: SDSTA Board of Directors Quarterly Meeting
- September 19: SDSM&T CEO Visit and Underground Tour (Headley)
- September 23-24: Infrastructure / Underground Access Department Review
- September 25-26: CASPAR Safety Review
- October 8-10: Geotechnical Review/LBNE-LBNO Meeting
- October 9: Joint Appropriations Committee Meeting and Underground Tour (Headley)
- October 9: Leadership South Dakota Visit and Surface Tour (Dykhouse/Headley)
- November 4-6: EHSOC Meeting

Monthly reports for LBNL and SDSTA were compiled, edited and distributed. Month-end reception registers were forwarded to the FBI/Homeland Security/SD Fusion Center. Monthly Researcher hours were tracked and Science training records processed. Monthly invoices were coded for the Finance Department. Organization charts and telephone lists were updated. Daily administrative assistance continues to be provided to the EHS Department. Safety messages and other important news are being updated on a daily basis on digital displays located at the Davis Campus and the Administration Building reception area.

User Support continues to assist the Communications Department with updating content and migration of public-facing documents on the Sanford Laboratory website. DocuShare collections continue to be organized and archived as needed. Work also continues on updating SDSTA policies and procedures.

Finance and Human Resources Department
Nancy Geary, Chief Financial Officer and Department Manager

Included in the Financial Report are the following:

- DOE SDSTA FY2014 SPA Curve as of August 2014
- Balance Sheet as of August 31, 2014
- Comprehensive Statement of Income August 2014
- Comparative Balance Sheet – August 2014 vs. August 2013
- Comparative Statement of Income – August 2014 vs. August 2013
- Available Cash as of August 2014
- Operating Budget Summary
- CAPEX Budget Summary
- August 2014 & YTD CAPEX Budget – actual vs. budget
- SDSTA Staffing Plan by Funding Source as of August 2014

DOE SDSTA FY14 Scheduled Performed Actual (SPA) Curve

This graph represents an analysis of the DOE Subcontract No. 6994297 Operations scheduled funding compared to actual. The report shows funding through September 2014 along with information related to Funded-to-Date dollars, Scheduled dollars, Performed dollars and Actual dollars by month. Actual dollars represent actual invoices for the months sent to Lawrence Berkeley National Laboratory (LBNL) for reimbursement. For August, the invoices totaled \$960,891, which is lower than the anticipated reimbursements of \$1,062,938 by \$102,047. Since the inception of this subcontract in February 2012, the actual expenses are at \$34,007,760, which is lower than the budget of \$34,406,346 by \$398,586.

Balance Sheet Items

Cash in Local Checking – Total on hand at August 31, 2014 was \$1,180,222; up from last month by \$444,585. Funds on hand were necessary to pay employee medical/life/vision insurance all due September 1, 2014 as well as payroll due September 5, 2014. The high balance also contains \$500,000 received late in July from the Great Plains Education Foundation. Thanks to Ron Wheeler, this satisfies the final requirement for fund raising for the Black Hills State University Jonas Hall project stipulated in the Fourth Amendment to the Homestake Gift Agreement.

Cash with State Treasurer – Total balance of \$27,335,087. This has decreased from last month by \$779,800 as this amount was drawn down in August.

Billed A/R – Billed A/R represents any open invoices based on contracts from sources such as LBNL, other smaller contracts from other universities, and Barrick/Homestake Mining Company. Total is at \$1,337,587; down from last month by just \$3,225. Included in the balance are open invoices to LBNL for \$1,041,970; representing invoices for the Large Underground Xenon (LUX) subcontract, LUX-ZEPLIN (LZ) engineering support, and invoices for the Operations subcontract No. 6994297. Additional open invoices include \$248,139 from Fermilab, \$14,566 from various other smaller university subcontracts, as well as open invoices from Barrick/Homestake equaling \$32,912.

Unbilled Accounts Receivable (A/R) – Balance of 25,419. Unbilled A/R represents items that have not been billed on various contracts. The payroll from pay end date August 29, 2014 (paid to employees September 5, 2014) was not billed in August on a few small contracts. This amount will be invoiced in September. The balance has increased by \$25,419.

Other A/R – Current balance of \$361,074. This balance represents any Interest Receivable and Miscellaneous Accounts Receivable. The balance increased by \$17,832, which represents the interest accrual for the month net of activity for noncontract items.

Inventory – Supplies – Balance at \$2,575,749 for fixed assets being stored but not in service. This balance is down from the prior month by \$126,716. This reduction represents (6) tsurumi pumps that were surplus earlier, but finally physically scrapped. All usable parts were salvaged prior to scrapping.

Inventory Warehouse/Personal Protective Equipment (PPE) – Current balance of \$370,026. This balance represents the warehouse inventory that was purchased by the SDSTA prior to federal funding and xenon gas inventory for experiment use. This balance is unchanged from the prior month.

Other Current Assets – This listing on the balance sheet represents the balances of both prepaid insurance – \$427,996 and prepaid other - \$30,998. Total balance of \$458,994, is down from last month by \$57,679. This decrease represents the monthly insurance expenses along with expensing prepaid items in August. Monthly insurance expenses were \$40,500 including worker's compensation.

Fixed Assets – Total of \$72,551,198 (net of depreciation through August 31, 2014). Fixed assets (prior to depreciation) increased for the capitalization of two (2) Fisher Valves - \$13,555, a camera - \$5,499 for use at the Sanford Lab Homestake Visitor Center construction project, etc. and for the finalization of the Davis Campus Dehumidification Project - \$10,777 (increase in FY2015) (total value of \$540,496 with equipment, install, underground prep work). Including depreciation for August, the net decrease for fixed assets is \$119,834.

Other Assets – Work in Progress – This balance represents the current progress being made using Sanford/SDSTA Funds and State funding to support the budgeted projects on the CAPEX budget less any items that are being capitalized within the Fixed Asset designation. Current balance has increased by \$708,984 to \$1,237,860. The balance represents the current year's project costs (not including personnel) funded by these sources.

Other Assets – Capital Lease – This balance of 607,584 represents the deep pump system capital lease. The balance has decreased by \$14,177. The lease through AmWest, Inc. was renegotiated to include transference of property to us at the end of the lease term in January 2018. The rental payments are being directly charged to the LBNL federal subcontract. Per the subcontract, the pumping system will become the property of the Federal Government at the end of the lease period. The equipment will be fully expensed over the period of the lease at which time it will be removed (along with the lease liability) from the SDSTA's balance sheet.

Total Assets – Total of \$108,040,799. This is up from last month by \$95,388; which represents the net activity as listed above.

Accounts Payable – Our Accounts Payable balance of \$1,262,934 (including Accounts Payable and Accounts Payable Accrual) at the end of the month compared to last month has increased by \$257,735 primarily to increased activity in the Ross Shaft Rehabilitation Project and the Sanford Lab Homestake Visitor Center construction in Lead.

Accrued Payroll Liabilities– Current balance of \$940,812 is up by \$306,251 from last month. This represents the net change between earned vacation and vacation taken and other changes in other employee benefit related liabilities. Also included is the current payroll accrual for labor and employee benefits related to labor performed in August, but not paid until September 5, 2014.

Long-Term Accrued Employee Benefits/Lease – This balance of \$607,584 denotes the liability associated with the capital lease for the deep pump system from AmWest, Inc. This balance has decreased by \$14,177 for the months' reduction in the lease amount owed.

Total Liabilities – Total Liabilities increased by \$549,808 (from \$2,262,522 to \$2,811,330), which reflects the net activity listed above.

Total Equity – Down to \$105,229,469 from the previous month \$105,682,889.

Total Liabilities & Equity – Up to \$108,040,799 from the previous month of \$107,945,411.

Statement of Income Items

On the SDSTA's Statement of Income, the Department of Energy (DOE) Subcontracts have been consolidated into one line item on the report. Included in this amount are various subcontracts from LBNL, Fermilab, as well as a small contract for the MAJORANA project with the University of North Carolina. Total revenue for this fiscal year through August 2014 is at \$2,351,972 (increase from July of \$1,487,416).

National Science Foundation (NSF) Subcontracts – Total revenue for the new fiscal year from NSF funding is at zero as there has been no activity in July or August for the NSF funded subcontracts from the Case Western Reserve University project as well as the University of Minnesota.

State Revenue – Year to date balance includes a small amount from one small contract. The small contract relates to funding from the University of South Dakota state research funds for the Center for Ultra-Low Background Experiments in the Dakotas (CUBED). The increase to State Revenue for the month is \$184 with a total for the year of \$411.

Contributions & Donations – SDSTA Governmental & External Affairs Director Ron Wheeler's fund raising activities includes the receipt of \$500,000 in July from the Great Plains Education Foundation in support of the education efforts at Sanford Lab. The Great Plains Education Foundation pledged another \$500,000 over the next four years to be used towards education programs associated with the Sanford Underground Research Facility. There were no new funds for the month from this source.

Interest income recorded for the current fiscal year on State Funds is at \$34,659. This represents interest accruing at 0.75% on the cash held by the state on behalf of the SDSTA.

Direct Costs are then listed on the Statement of Income. The categories are listed to reflect the format used when invoicing on federal contracts. The classifications for Unallowable Costs and Indirect Costs are listed as well on this report to follow the federal contracting format. Direct Costs/Unallowable Costs are at \$2,100,128 for the year. Indirect Costs are at \$1,002,022. Other Income through the month of August is at \$71,212 which represents miscellaneous income and a small amount for water treated for Barrick Gold Corp.

Finally, Net Income for the year is at \$100,173.

Comparative Balance Sheet

Significant differences include Total in Local Checking, which is higher by \$452,420 from this time last year as the \$500,000 was received from the Great Plains Education Foundation late in July 2014. Additional differences include Total Cash with State Treasurer, which is lower by \$9,547,064 from this time last year as funds were expended over the 12-month period. Billed A/R is slightly higher than this time last year by \$371,987 primarily due to increases in the total unpaid receivables from both LBNL and Fermilab. Other notable differences exist for changes in Fixed Assets. Fixed Assets increased primarily due to year-end capitalization of improvements in progress for yearend closing. The category of Work in Progress has increased from this time last year by \$687,523 represented by the increase in activity in our CAPEX projects year to date. In summary, Total Assets have decreased by \$3,455,518. Total Liabilities have increased by \$200,137 over last year at this same time, primarily due to increased accounts payable for open invoices to various contractors. Total Equity has decreased by \$3,655,655 from last year at this same time primarily due to drawing down funds from the State. Yet, Investments in General Fixed Assets has increased by \$4,834,725 for the capitalization of items from FY2014.

Comparative Profit/Loss

Total Revenue for year to date August 2014 compared to year to date August 2013 has decreased primarily due to receiving \$2,000,000 from the State Legislature in the last fiscal year, but only \$411 from the State for one small contract with University of South Dakota. Yet, this year's revenue includes receipt of \$500,000 from the Great Plains Education Foundation. Interest Income is lower for August 2014 due to accruing only 0.75% on the cash balance with the State compared to a 2% accrual last year. Direct Costs and Indirect Costs for year to date August 2014 compared to this time last year show a small net increase (approximately 2.4% increase). Thus, Net Income has decreased due to less revenue and increased costs. Other Income is slightly up when comparing the two time frames, primarily due to the increased volume of Barrick's water being treated in the last few months.

Available Cash

This report reflects our available cash after noting the restricted cash balances in the Indemnification and Mine Closure accounts. The Sanford Gift #2 account is no longer designated as "restricted" due to the signing of the Fourth Amendment to the Homestake Gift Agreement. After our liabilities are noted, \$14,354,704 is available to be used for a limited scope of SDSTA expenses (Board, Administration, Communication, Education & Outreach, and Science Liaison expenses not covered by the current DOE funding), for current contracts concerning the various capital expenditure projects including the Ross Shaft Rehabilitation, and towards the specific projects listed in the Fourth Amendment.

Operating Budget Analysis

This report is separated into three sections: SDSTA funded activities, Federal Funded activities, and Indirect expenses that benefit various activities. Total operating expenses are \$119,455 under budget for August 2014. The majority of this under run is accounted for in the LBNL Operations C# 6997297. Year-to-date figures are almost all under budget as well for a total under run of \$904,048.

Capital Expenditure Budget Analysis

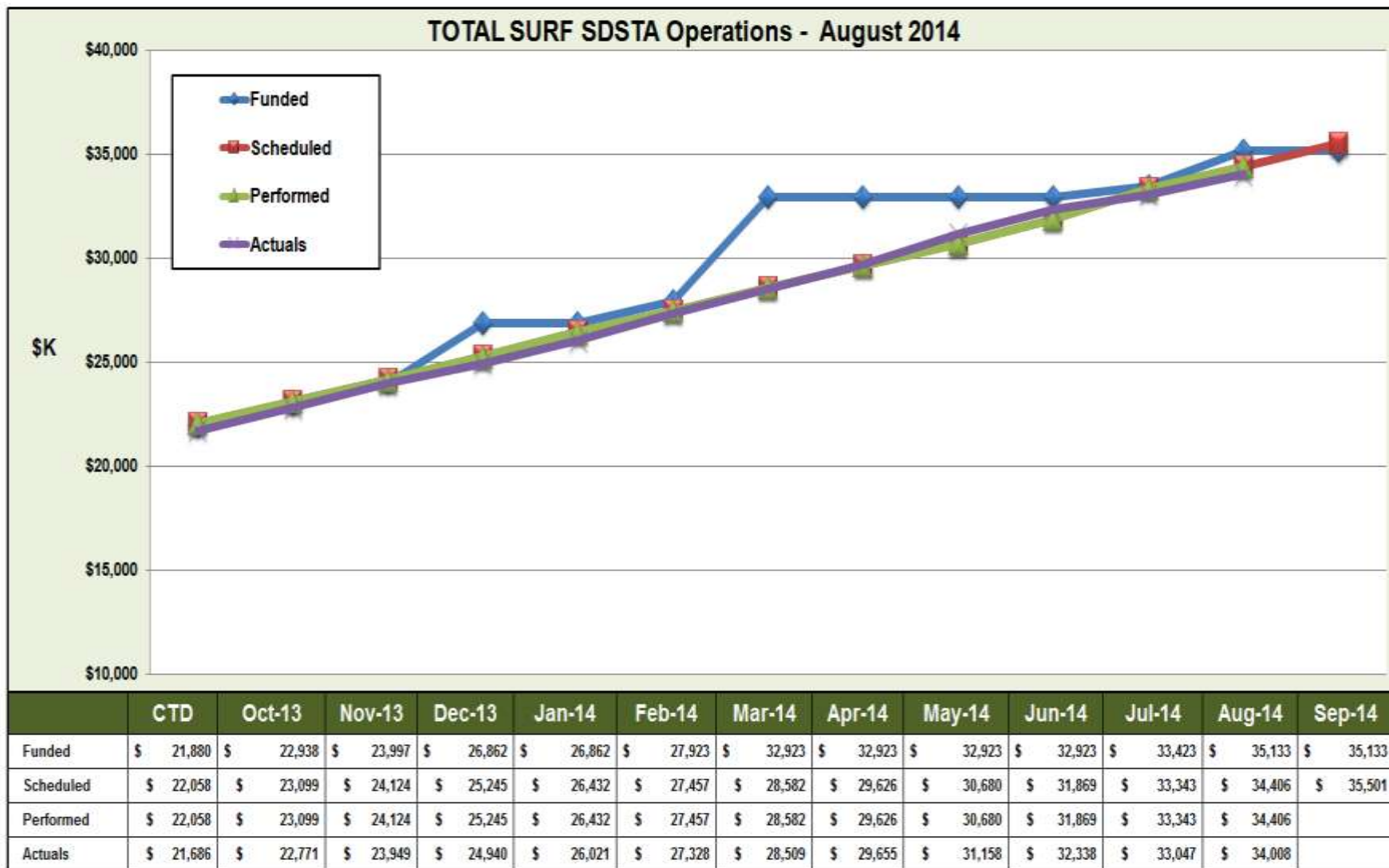
Our current capital expenditure projects have been condensed and are listed from CAP2012-13 - CAP2014-11 with various breaks in the numbering sequence. In addition, we segregated three projects (CAP2015-01-03) for this fiscal year from the regular "Hazard Mitigation Work" project. The three segregated projects include: Waste Water Treatment Plant (WWTP) Tank & Install, Yates Tunnel Hazard Mitigation and Yates/Ross Hoist Building Masonry Repair. Total project dollars are at \$17,805,715, which represents the approved budget from the June 2014 Board meeting together with carry over for various unfinished projects. All projects will be funded by the balance of Sanford Funds as directed by the Fourth Amendment to the Homestake Gift Agreement, \$2,000,000 of Future Funds for both the Sanford Visitor Center Design & Construction and the Black Hills State University (BHSU) Jonas Science Building Renovation, funding from private fund raising activities, and SDSTA funds including interest. We spent \$984,090 on our CAPEX projects in August out of the budgeted \$1,152,930. Year-to-date we have expended \$1,634,558 on this list of projects.

Miscellaneous Items

The FY2014 audit has been scheduled to start October 1, 2014. This will allow time to finish by the December 31 deadline for the LBNL contract.

Human Resources

Infrastructure Technician Jeramie Sjomeling began employment on September 8, 2014 and replaces Andrew Sekora, who was terminated on August 8, 2014.



**DOE SDSTA FY 2014 SPA Curve
August 30, 2014**

DIVISION: ALL

BALANCE SHEET

ASSETS

AS OF
08/31/14

CURRENT ASSETS

First Interstate Checking	\$ 648,692.05
First Interstate Other	531,529.71

Total in Local Checking	1,180,221.76
SD Treas: Indemnification	10,000,000.00
SD Treas: Mine Closure	1,349,275.35
SD Treas: Sanford	2,843,598.40
SD Treas: Sanford Gift #2	13,142,213.00

Total with SD Treasurer	27,335,086.75
Billed A/R	1,337,586.53
Unbilled A/R	25,418.65
Other A/R	361,074.30
Inventory - Supplies	2,575,749.36
Inventory - Warehouse	370,026.47
Other Current Assets	458,994.17

Total Current Assets	33,644,157.99

FIXED ASSETS

Land, Underground & Other	12,353,375.03
Bldgs & Infrastructure	8,881,327.62
Improvements	49,299,966.62
Computer Equipment	362,464.95
Equipment & Fixtures	9,234,741.03
Accum Depr & Amort	(7,580,677.46)

Total Fixed Assets	72,551,197.79

OTHER ASSETS

Work in Process	1,237,859.50
Equipment - Capital Lease	607,583.98

Total Other Assets	1,845,443.48

TOTAL ASSETS

=====

\$ 108,040,799.26

=====

DIVISION: ALL

BALANCE SHEET

LIABILITIES & EQUITY

AS OF
08/31/14

CURRENT LIABILITIES

Accounts Payable	\$ 1,246,748.68
Other Payables	16,185.28

Total Accounts Payable	1,262,933.96
Accrued Payroll Liab	940,812.27

Total Current Liabilities	2,203,746.23

OTHER LIABILITIES

LT Accrued EB/Lease	607,583.98

Total Other Liabilities	607,583.98

STOCKHOLDER'S EQUITY

Restricted: Indemnificati	10,000,000.00
Restricted: Sanford	2,843,598.40
Restricted: Mine Closure	1,349,275.35
Restricted: Sanford Gift2	13,142,213.00

Total Restricted Funds	27,335,086.75
Investment in Gen FA	72,551,197.79
Unrestricted Funds	5,343,184.51

Total Equity	105,229,469.05

TOTAL LIABILITIES & EQUITY

=====

\$ 108,040,799.26

=====

ALL

STATEMENT OF INCOME

FOR THE PERIOD ENDING 08/31/14

	YR-TO-DATE
REVENUE	
DOE Subcontracts	\$ 2,351,972.39
State Revenue	411.49
Contributions & Donations	500,000.00
Checking Interest	11.36
Interest Income	34,658.99

TOTAL REVENUE	2,887,054.23
DIRECT COSTS	
Direct Labor	1,218,376.07
ERT Labor	4,765.50
Board of Directors	34.52
Contractual Svcs	350,179.27
Emergency Resp	189.64
Inventory	35,407.26
Supplies	69,215.86
Travel - Domestic	12,369.68
Travel - Foreign	21,104.19
Utilities	276,631.94
Other Direct Costs	43,412.37
Unallow/Unbill Costs	68,441.29

TOTAL DIRECT COSTS	2,100,127.59
INDIRECT COSTS	
Fringe Benefits	447,150.58
Overhead	554,870.95

TOTAL INDIRECT COSTS	1,002,021.53

GROSS PROFIT FROM OPERATIONS	(215,094.89)

OTHER INCOME	
Water Treatment	59,414.82
Miscellaneous Income	11,797.40

TOTAL OTHER INCOME	71,212.22
OTHER EXPENSES	
Reclass Incr Net Assets	(244,055.66)

TOTAL OTHER EXPENSES	(244,055.66)
	=====
NET INCOME/LOSS	\$ 100,172.99
	=====

DIVISION: ALL

COMPARATIVE BALANCE SHEET

ASSETS

	AS OF 08/31/14	AS OF 08/31/13	\$ CHANGE	% CHANGE
<hr/>				
CURRENT ASSETS				
First Interstate Checking	\$ 648,692.05	\$ 721,751.85	\$ (73,059.80)	-10.12%
First Interstate Other	531,529.71	6,050.00	525,479.71	8685.62%
	-----	-----	-----	-----
Total in Local Checking	1,180,221.76	727,801.85	452,419.91	62.16%
SD Treas: Indemnification	10,000,000.00	10,141,721.94	(141,721.94)	-1.40%
SD Treas: Insurance	-	1,473.10	(1,473.10)	-100.00%
SD Treas: Mine Closure	1,349,275.35	1,348,219.99	1,055.36	0.08%
SD Treas: Operating	-	1,760,804.00	(1,760,804.00)	-100.00%
SD Treas: Sanford	2,843,598.40	3,406,040.67	(562,442.27)	-16.51%
SD Treas: Sanford Gift #2	13,142,213.00	20,222,650.56	(7,080,437.56)	-35.01%
SD Treas: Spec Sess - Lab	-	0.05	(0.05)	-100.00%
SD Treas: SB196 Transfer	-	1,240.02	(1,240.02)	-100.00%
	-----	-----	-----	-----
Total with SD Treasurer	27,335,086.75	36,882,150.33	(9,547,063.58)	-25.89%
Billed A/R	1,337,586.53	965,599.77	371,986.76	38.52%
Unbilled A/R	25,418.65	362,116.70	(336,698.05)	-92.98%
Other A/R	361,074.30	223,995.89	137,078.41	61.20%
Inventory - Supplies	2,575,749.36	2,702,464.79	(126,715.43)	-4.69%
Inventory - Warehouse	370,026.47	43,862.87	326,163.60	743.60%
Other Current Assets	458,994.17	519,677.05	(60,682.88)	-11.68%
	-----	-----	-----	-----
Total Current Assets	33,644,157.99	42,427,669.25	(8,783,511.26)	-20.70%
FIXED ASSETS				
Land, Underground & Other	12,353,375.03	12,353,375.03	-	0.00%
Bldgs & Infrastructure	8,881,327.62	8,881,327.62	-	0.00%
Improvements	49,299,966.62	43,964,388.80	5,335,577.82	12.14%
Computer Equipment	362,464.95	357,294.53	5,170.42	1.45%
Equipment & Fixtures	9,234,741.03	8,080,531.05	1,154,209.98	14.28%
Accum Depr & Amort	(7,580,677.46)	(5,920,444.31)	(1,660,233.15)	28.04%
	-----	-----	-----	-----
Total Fixed Assets	72,551,197.79	67,716,472.72	4,834,725.07	7.14%
OTHER ASSETS				
Work in Process	1,237,859.50	550,336.18	687,523.32	124.93%
Equipment - Capital Lease	607,583.98	801,838.67	(194,254.69)	-24.23%
	-----	-----	-----	-----
Total Other Assets	1,845,443.48	1,352,174.85	493,268.63	36.48%
<hr/>				
TOTAL ASSETS	\$ 108,040,799.26	\$ 111,496,316.82	\$ (3,455,517.56)	-3.10%
	=====	=====	=====	=====

DIVISION: ALL

COMPARATIVE BALANCE SHEET

LIABILITIES & EQUITY

	AS OF 08/31/14	AS OF 08/31/13	\$ CHANGE	% CHANGE
CURRENT LIABILITIES				
Accounts Payable	\$ 1,246,748.68	\$ 835,410.93	\$ 411,337.75	49.24%
Other Payables	16,185.28	34,729.51	(18,544.23)	-53.40%
Total Accounts Payable	1,262,933.96	870,140.44	392,793.52	45.14%
Accrued Payroll Liab	940,812.27	939,214.16	1,598.11	0.17%
Total Current Liabilities	2,203,746.23	1,809,354.60	394,391.63	21.80%
OTHER LIABILITIES				
LT Accrued EB/Lease	607,583.98	801,838.67	(194,254.69)	-24.23%
Total Other Liabilities	607,583.98	801,838.67	(194,254.69)	-24.23%
TOTAL LIABILITIES	2,811,330.21	2,611,193.27	200,136.94	7.66%
STOCKHOLDER'S EQUITY				
Restricted: Indemnificati	10,000,000.00	10,000,000.00	-	0.00%
Restricted: Sanford	2,843,598.40	2,569,201.69	274,396.71	10.68%
Restricted: Lab	-	1,760,804.00	(1,760,804.00)	-100.00%
Restricted: Mine Closure	1,349,275.35	1,348,219.99	1,055.36	0.08%
Restricted: Sanford Gift2	13,142,213.00	20,000,000.00	(6,857,787.00)	-34.29%
Total Restricted Funds	27,335,086.75	35,678,225.68	(8,343,138.93)	-23.38%
Investment in Gen FA	72,551,197.79	67,716,472.72	4,834,725.07	7.14%
Unrestricted Funds	5,343,184.51	5,490,425.15	(147,240.64)	-2.68%
TOTAL EQUITY	105,229,469.05	108,885,123.55	(3,655,654.50)	-3.36%
TOTAL LIABILITIES & EQUITY	\$ 108,040,799.26	\$ 111,496,316.82	\$ (3,455,517.56)	-3.10%

DIVISION: ALL

COMPARATIVE STATEMENT OF INCOME

FOR THE PERIOD ENDING 08/31/14

	YEAR TO DATE	PRIOR YEAR TO DATE	\$ CHANGE	% CHANGE
REVENUE				
DOE Subcontracts	\$ 2,351,972.39	\$ 2,381,890.99	\$ (29,918.60)	-1.26%
NSF Subcontracts	-	56,162.51	(56,162.51)	-100.00%
State Revenue	411.49	2,000,235.93	(1,999,824.44)	-99.98%
Contributions & Donations	500,000.00	-	500,000.00	100.00%
Checking Interest	11.36	6.52	4.84	74.23%
Interest Income	34,658.99	122,025.00	(87,366.01)	-71.60%
TOTAL REVENUE	2,887,054.23	4,560,320.95	(1,673,266.72)	-36.69%
DIRECT COSTS				
Direct Labor	1,218,376.07	1,227,449.23	(9,073.16)	-0.74%
ERT Labor	4,765.50	4,212.50	553.00	13.13%
Board of Directors	34.52	79.55	(45.03)	100.00%
Capital Outlay >\$5K	-	48,041.88	(48,041.88)	-100.00%
Contractual Svcs	350,179.27	294,798.44	55,380.83	18.79%
Emergency Resp	189.64	9,489.02	(9,299.38)	-98.00%
Inventory	35,407.26	18,117.22	17,290.04	95.43%
Supplies	69,215.86	173,879.37	(104,663.51)	-60.19%
Travel - Domestic	12,369.68	8,120.33	4,249.35	52.33%
Travel - Foreign	21,104.19	10,818.66	10,285.53	95.07%
Utilities	276,631.94	202,859.67	73,772.27	36.37%
Other Direct Costs	43,412.37	12,247.56	31,164.81	254.46%
Unallow/Unbill Costs	68,441.29	48,763.05	19,678.24	40.35%
TOTAL DIRECT COSTS	2,100,127.59	2,058,876.48	41,251.11	2.00%
INDIRECT COSTS				
Fringe Benefits	447,150.58	441,913.48	5,237.10	1.19%
Overhead	554,870.95	528,412.71	26,458.24	5.01%
TOTAL INDIRECT COSTS	1,002,021.53	970,326.19	31,695.34	3.27%
GROSS PROFIT	(215,094.89)	1,531,118.28	(1,746,213.17)	-114.05%
OTHER INCOME				
Water Treatment	59,414.82	24,711.81	34,703.01	140.43%
Miscellaneous Income	11,797.40	17,656.65	(5,859.25)	-33.18%
TOTAL OTHER INCOME	71,212.22	42,368.46	28,843.76	68.08%
OTHER EXPENSES				
Reclass Incr Net Assets	(244,055.66)	(278,485.86)	34,430.20	-12.36%
TOTAL OTHER EXPENSES	(244,055.66)	(278,485.86)	34,430.20	-12.36%
NET INCOME/LOSS	\$ 100,172.99	\$ 1,851,972.60	\$ (1,751,799.61)	-94.59%

South Dakota Science & Technology Authority
Available Cash
8/31/2014

Cash Total Checking/Savings	\$ 1,180,222.00
Cash With State Treasurer	<u>\$ 27,335,087.00</u>
Total Cash	\$ 28,515,309.00
Less: Restricted Funds	
Indemnification & Mine Closure	<u>\$ (11,349,275.00)</u>
Total Cash (Not Restricted)	\$ 17,166,034.00
Less: Total Liabilities	<u>\$ (2,811,330.00)</u>
Available Cash	<u><u>\$ 14,354,704.00</u></u>

SDS&TA Operating Budget Summary FY14/15
Actual vs Budget
August 2014 & YTD

	Aug. 2014	Budget	\$ Over/Under Budget	% of Budget	Actual YTD	YTD Budget	\$ Over/Under Budget	% of Budget	% Remaining
									100%
SDSTA (Authority) Direct Charges									
Board of Directors	\$17,583.00	\$19,184.00	\$1,601.00	91.66%	\$35,207.00	\$38,368.00	\$3,161.00	91.76%	8.24%
Executive Office	\$20,044.00	\$22,976.00	\$2,932.00	87.24%	\$38,266.00	\$46,672.00	\$8,406.00	81.99%	18.01%
Communications	\$13,521.00	\$11,272.00	-\$2,249.00	119.95%	\$23,035.00	\$17,941.00	-\$5,094.00	128.39%	-28.39%
Science Center E & O	\$8,279.00	\$8,990.00	\$711.00	92.09%	\$13,650.00	\$20,590.00	\$6,940.00	66.29%	33.71%
Science Liaison	\$964.00	\$2,031.00	\$1,067.00	0.0%	\$2,996.00	\$4,062.00	\$1,066.00	73.76%	26.24%
Subtotal	\$60,391.00	\$64,453.00	\$4,062.00	93.7%	\$113,154.00	\$127,633.00	\$14,479.00	88.66%	11.34%
Federal Funding - Direct Charges									
Fermi P.O. #609755 NEPA	\$6,328.00	\$12,563.00	\$6,235.00	50.37%	\$10,111.00	\$26,088.00	\$15,977.00	38.76%	61.24%
Fermi P.O. #610998HDR	\$238.00	\$250.00	\$12.00	95.2%	\$238.00	\$250.00	\$12.00	95.20%	4.80%
Fermi P.O. #613525 Staff Services	\$26,784.00	\$24,798.00	-\$1,986.00	108.01%	\$39,850.00	\$49,984.00	\$10,134.00	79.73%	20.27%
Fermi P.O. #614807 Ph2 Geotech	\$73,346.00	\$128,803.00	\$55,457.00	56.94%	\$178,315.00	\$257,606.00	\$79,291.00	69.22%	30.78%
LBNL LUX C#6973786	\$8,958.00	\$13,226.00	\$4,268.00	67.73%	\$18,255.00	\$28,860.00	\$10,605.00	63.25%	36.75%
LBNL Operations C#6994297	\$771,549.00	\$850,350.00	\$78,801.00	90.73%	\$1,342,041.00	\$2,029,182.00	\$687,141.00	66.14%	33.86%
LBNL LUX/Zeplin C#7093667	\$13,906.00	\$15,180.00	\$1,274.00	91.61%	\$25,175.00	\$34,261.00	\$9,086.00	73.48%	26.52%
MJD (Majorana) # 5-4473	\$709.00	\$1,000.00	\$291.00	70.9%	\$3,083.00	\$3,000.00	-\$83.00	102.77%	-2.77%
CUBED - USD	\$147.00	\$500.00	\$353.00	29.4%	\$329.00	\$1,000.00	\$671.00	32.90%	67.10%
U. of Minn. DUGL#A003778902	\$0.00	\$4,000.00	\$4,000.00	0.0%	\$0.00	\$8,000.00	\$8,000.00	0.00%	100.00%
Subtotal	\$901,965.00	\$1,050,670.00	\$148,705.00	85.85%	\$1,617,397.00	\$2,438,231.00	\$820,834.00	66.33%	33.67%
Indirect Expenses									
Indirect Charges Personnel	\$103,679.00	\$104,600.00	\$921.00	99.12%	\$160,872.00	\$193,594.00	\$32,722.00	83.10%	16.90%
Indirect Charges Other	\$237,282.00	\$203,049.00	-\$34,233.00	116.86%	\$434,018.00	\$470,031.00	\$36,013.00	92.34%	7.66%
Subtotal	\$340,961.00	\$307,649.00	-\$33,312.00	110.83%	\$594,890.00	\$663,625.00	\$68,735.00	89.64%	10.36%
Totals	\$1,303,317.00	\$1,422,772.00	\$119,455.00	91.6%	\$2,325,441.00	\$3,229,489.00	\$904,048.00	72.01%	27.99%

SDSTA CAPEX Budget Summary FY14/15
Actual vs Budget
August 2014 & YTD

<u>Budget Area</u>	<u>Actual Month</u>	<u>FY2015 Monthly Budget</u>	<u>\$ Over/Under Budget</u>	<u>% of Budget</u>	<u>Actual YTD</u>	<u>FY2015 YTD Budget</u>	<u>\$ Over/Under Budget</u>	<u>% of Budget</u>	<u>% Remaining</u>
									100.00%
Operational CAPEX	\$ 984,090.47	\$ 1,152,930.00	\$ 168,839.53	85.36%	\$ 1,634,557.81	\$ 17,805,715.00	\$ 16,171,157.19	9.18%	90.82%
TOTAL CAPEX	\$ 984,090.47	\$ 1,152,930.00	\$ 168,839.53	85.36%	\$ 1,634,557.81	\$ 17,805,715.00	\$ 16,171,157.19	9.18%	90.82%

SD Science & Technology Authority
Operational CAPEX Budget
Monthly Actual vs Budget

Project #	Project Description	Aug. 2014	Budget	\$ Over/UnderBudget	% of Budget
CAP2012-13	Water/Hazard Mitigation Work	\$ 428.50	\$ 5,000.00	\$ 4,571.50	8.57%
CAP2012-27	Ross Shaft Furnishings Repl.M&S	\$ 283,235.79	\$ 259,072.00	\$ (24,163.79)	109.33%
CAP2012-28	Work Decks	\$ -	\$ -	\$ -	0.00%
CAP2012-32	SDSTA Personnel	\$ 150,892.19	\$ 163,095.00	\$ 12,202.81	92.52%
CAP2013-06	Yates Shaft Improvements	\$ 6,465.10	\$ 25,000.00	\$ 18,534.90	25.86%
CAP2014-01	Sanford Visitor Center Design & Construction	\$ 334,922.50	\$ 323,763.00	\$ (11,159.50)	103.45%
CAP2014-02	Xenon Gas	\$ -	\$ -	\$ -	0.00%
CAP2014-04	Surface Lab Roof	\$ -	\$ -	\$ -	0.00%
CAP2014-05	CASPAR Experiment Development	\$ -	\$ 80,000.00	\$ 80,000.00	0.00%
CAP2014-06	BHSU Jonas Science Building Renovation	\$ -	\$ -	\$ -	0.00%
CAP2014-07	Davis Campus HVAC Augment System	\$ 10,776.50	\$ -	\$ (10,776.50)	100.00%
CAP2014-09	CASPAR Facility Development	\$ 54,663.91	\$ 170,000.00	\$ 115,336.09	32.16%
CAP2014-11	LBCF Low Background Counting Fac.Dev.	\$ 6,784.30	\$ 7,000.00	\$ 215.70	96.92%
CAP2015-01	WTP Tank & Install	\$ 89,071.68	\$ 72,000.00	\$ (17,071.68)	123.71%
CAP2015-02	Yates Tunnel Hazard Mitigation	\$ -	\$ -	\$ -	0.00%
CAP2015-03	Yates/Ross Hoist Bldg. Masonry	\$ 46,850.00	\$ 48,000.00	\$ 1,150.00	97.60%
Monthly Totals		\$ 984,090.47	\$ 1,152,930.00	\$ 168,839.53	85.36%

SD Science & Technology Authority
Operational CAPEX Budget
YTD FY2015 Actual vs Budget

Project #	Project Description	Aug. YTD FY2015	FY2015 Budget	\$ Over/UnderBudget	% of Budget	% Remaining
						100%
CAP2012-13	Water/Hazard Mitigation Work	\$3,199.50	\$ 113,643.00	\$ 110,443.50	2.82%	97.18%
CAP2012-27	Ross Shaft Furnishings Repl.M&S	\$456,469.20	\$ 4,643,148.00	\$ 4,186,678.80	9.83%	90.17%
CAP2012-28	Work Decks	\$1,000.00	\$ 45,000.00	\$ 44,000.00	2.22%	97.78%
CAP2012-32	SDSTA Personnel	\$239,598.34	\$ 2,231,015.00	\$ 1,991,416.66	10.74%	89.26%
CAP2013-06	Yates Shaft Improvements	\$18,977.46	\$ 300,000.00	\$ 281,022.54	6.33%	93.67%
CAP2014-01	Sanford Visitor Center Design & Construction	\$566,014.98	\$ 4,437,425.00	\$ 3,871,410.02	12.76%	87.24%
CAP2014-02	Xenon Gas	\$2,250.00	\$ 67,145.00	\$ 64,895.00	3.35%	96.65%
CAP2014-04	Surface Lab Roof	\$44,839.26	\$ 44,785.00	\$ (54.26)	100.12%	-0.12%
CAP2014-05	CASPAR Experiment Development	\$0.00	\$ 969,766.00	\$ 969,766.00	0.00%	100.00%
CAP2014-06	BHSU Jonas Science Building Renovation	\$0.00	\$ 2,500,000.00	\$ 2,500,000.00	0.00%	100.00%
CAP2014-07	Davis Campus HVAC Augment System	\$10,776.50	\$ 280.00	\$ (10,496.50)	3848.75%	-3748.75%
CAP2014-09	CASPAR Facility Development	\$105,471.84	\$ 2,112,308.00	\$ 2,006,836.16	4.99%	95.01%
CAP2014-11	LBCF Low Background Counting Fac.Dev.	\$6,943.30	\$ 50,000.00	\$ 43,056.70	13.89%	86.11%
CAP2015-01	WTP Tank & Install	\$110,167.43	\$ 97,000.00	\$ (13,167.43)	113.57%	-13.57%
CAP2015-02	Yates Tunnel Hazard Mitigation	\$0.00	\$ 100,000.00	\$ 100,000.00	0.00%	100.00%
CAP2015-03	Yates/Ross Hoist Bldg. Masonry	\$68,850.00	\$ 94,200.00	\$ 25,350.00	73.09%	26.91%
	Totals	\$ 1,634,557.81	\$ 17,805,715.00	\$ 16,171,157.19	9.18%	90.82%

Source/WBS	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14
SDSTA	4.20	3.20	3.20	2.40	2.40	2.40	2.40	2.40	2.40	2.10	2.10	2.10
Administration	1.50	1.50	1.50	0.50	0.50	0.50	0.50	0.50	0.50	0.40	0.40	0.40
Communication	2.70	1.70	1.70	1.90	1.90	1.90	1.90	1.90	1.90	1.70	1.70	1.70
DOE OPERATIONS	74.83	74.83	74.83	73.83	74.83	74.33	76.93	78.43	78.93	79.93	79.93	79.93
Administration	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
EHS	5.00	5.00	5.00	5.00	6.00	7.00	8.00	8.00	8.00	9.00	9.00	9.00
Engineering	4.43	4.43	4.43	4.43	4.43	4.43	4.53	4.53	4.53	4.53	4.53	4.53
Science	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65
Operations												
Cyberinfrastructure	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
Davis Campus	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Dewatering	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Electrical Power Distribution	3.00	3.00	3.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Equipment Maint	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Hazard Mitigation	6.00	6.00	6.00	6.00	6.00	4.00	4.00	5.50	6.00	6.00	6.00	6.00
Ops Management	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Ross Shaft	14.93	14.93	14.93	14.93	14.93	14.93	14.93	14.93	14.93	14.93	14.93	14.93
Surface	5.93	5.93	5.93	5.93	5.93	6.43	6.93	6.93	6.93	6.93	6.93	6.93
Ventilation	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
WTP	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20
Yates Shaft	12.93	12.93	12.93	12.93	11.93	11.93	12.93	12.93	12.93	12.93	12.93	12.93
Operations Development	2.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SDSTA CAPEX	31.00	31.00	31.00	29.00	28.00	27.25	30.25	30.25	30.25	28.35	28.35	28.35
GEN 2 LZ	0.75	0.75	0.75	0.75	0.75	1.25	1.25	1.25	1.25	1.25	1.25	1.25
LBNE DESIGN	1.44	1.44	1.44	1.44	1.44	3.69	3.69	2.39	1.89	1.89	1.89	1.89
LBNE NEPA	1.30	1.30	1.30	1.10	1.10	1.10	1.10	1.10	1.10	1.30	1.30	1.30
LUX OPERATIONS	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
CASPAR	0.32	0.32	0.32	0.32	0.32	0.32						
DUGL								0.75	0.75	0.75	0.75	0.75
INDIRECT	13.10	13.10	13.10	13.10	13.10	13.10	13.10	13.10	13.10	13.10	13.10	13.10
Grand Total	127.54	126.54	126.54	122.54	122.54	124.04	129.32	130.27	130.27	129.27	129.27	129.27

**SDSTA Staffing Plan by Funding Source
August 30, 2014**

Financial Report - Mr. Mike Headley

The Financial Report includes the following:

- 7A. Review Financial Statements
- 7B. Fixed Asset Listings:
 - 1. SDSTA
 - 2. DOE
- 7C. End of fiscal year Per Diems Report
- 7D. CAPEX Budget Update and approval of CASPAR/ Black Hills State University Underground Campus Construction

Recommended Action:

Motion to approve updated CAPEX FY2015 budget and CASPAR/Black Hills State University Underground Campus Construction.

DIVISION: ALL

BALANCE SHEET

ASSETS

AS OF
08/31/14

CURRENT ASSETS

First Interstate Checking	\$ 648,692.05
First Interstate Other	531,529.71

Total in Local Checking	1,180,221.76
SD Treas: Indemnification	10,000,000.00
SD Treas: Mine Closure	1,349,275.35
SD Treas: Sanford	2,843,598.40
SD Treas: Sanford Gift #2	13,142,213.00

Total with SD Treasurer	27,335,086.75
Billed A/R	1,337,586.53
Unbilled A/R	25,418.65
Other A/R	361,074.30
Inventory - Supplies	2,575,749.36
Inventory - Warehouse	370,026.47
Other Current Assets	458,994.17

Total Current Assets	33,644,157.99

FIXED ASSETS

Land, Underground & Other	12,353,375.03
Bldgs & Infrastructure	8,881,327.62
Improvements	49,299,966.62
Computer Equipment	362,464.95
Equipment & Fixtures	9,234,741.03
Accum Depr & Amort	(7,580,677.46)

Total Fixed Assets	72,551,197.79

OTHER ASSETS

Work in Process	1,237,859.50
Equipment - Capital Lease	607,583.98

Total Other Assets	1,845,443.48

TOTAL ASSETS

=====

\$ 108,040,799.26

=====

DIVISION: ALL

BALANCE SHEET

LIABILITIES & EQUITY

AS OF
08/31/14

CURRENT LIABILITIES

Accounts Payable	\$ 1,246,748.68
Other Payables	16,185.28

Total Accounts Payable	1,262,933.96
Accrued Payroll Liab	940,812.27

Total Current Liabilities	2,203,746.23

OTHER LIABILITIES

LT Accrued EB/Lease	607,583.98

Total Other Liabilities	607,583.98

STOCKHOLDER'S EQUITY

Restricted: Indemnificati	10,000,000.00
Restricted: Sanford	2,843,598.40
Restricted: Mine Closure	1,349,275.35
Restricted: Sanford Gift2	13,142,213.00

Total Restricted Funds	27,335,086.75
Investment in Gen FA	72,551,197.79
Unrestricted Funds	5,343,184.51

Total Equity	105,229,469.05

TOTAL LIABILITIES & EQUITY

=====

\$ 108,040,799.26

=====

ALL

STATEMENT OF INCOME

FOR THE PERIOD ENDING 08/31/14

	YR-TO-DATE
	<hr/>
REVENUE	
DOE Subcontracts	\$ 2,351,972.39
State Revenue	411.49
Contributions & Donations	500,000.00
Checking Interest	11.36
Interest Income	34,658.99
	<hr/>
TOTAL REVENUE	2,887,054.23
DIRECT COSTS	
Direct Labor	1,218,376.07
ERT Labor	4,765.50
Board of Directors	34.52
Contractual Svcs	350,179.27
Emergency Resp	189.64
Inventory	35,407.26
Supplies	69,215.86
Travel - Domestic	12,369.68
Travel - Foreign	21,104.19
Utilities	276,631.94
Other Direct Costs	43,412.37
Unallow/Unbill Costs	68,441.29
	<hr/>
TOTAL DIRECT COSTS	2,100,127.59
INDIRECT COSTS	
Fringe Benefits	447,150.58
Overhead	554,870.95
	<hr/>
TOTAL INDIRECT COSTS	1,002,021.53
	<hr/>
GROSS PROFIT FROM OPERATIONS	(215,094.89)
	<hr/>
OTHER INCOME	
Water Treatment	59,414.82
Miscellaneous Income	11,797.40
	<hr/>
TOTAL OTHER INCOME	71,212.22
OTHER EXPENSES	
Reclass Incr Net Assets	(244,055.66)
	<hr/>
TOTAL OTHER EXPENSES	(244,055.66)
	<hr/>
NET INCOME/LOSS	\$ 100,172.99
	<hr/>

DIVISION: ALL

COMPARATIVE BALANCE SHEET

ASSETS

	AS OF 08/31/14	AS OF 08/31/13	\$ CHANGE	% CHANGE
<hr/>				
CURRENT ASSETS				
First Interstate Checking	\$ 648,692.05	\$ 721,751.85	\$ (73,059.80)	-10.12%
First Interstate Other	531,529.71	6,050.00	525,479.71	8685.62%
	-----	-----	-----	-----
Total in Local Checking	1,180,221.76	727,801.85	452,419.91	62.16%
SD Treas: Indemnification	10,000,000.00	10,141,721.94	(141,721.94)	-1.40%
SD Treas: Insurance	-	1,473.10	(1,473.10)	-100.00%
SD Treas: Mine Closure	1,349,275.35	1,348,219.99	1,055.36	0.08%
SD Treas: Operating	-	1,760,804.00	(1,760,804.00)	-100.00%
SD Treas: Sanford	2,843,598.40	3,406,040.67	(562,442.27)	-16.51%
SD Treas: Sanford Gift #2	13,142,213.00	20,222,650.56	(7,080,437.56)	-35.01%
SD Treas: Spec Sess - Lab	-	0.05	(0.05)	-100.00%
SD Treas: SB196 Transfer	-	1,240.02	(1,240.02)	-100.00%
	-----	-----	-----	-----
Total with SD Treasurer	27,335,086.75	36,882,150.33	(9,547,063.58)	-25.89%
Billed A/R	1,337,586.53	965,599.77	371,986.76	38.52%
Unbilled A/R	25,418.65	362,116.70	(336,698.05)	-92.98%
Other A/R	361,074.30	223,995.89	137,078.41	61.20%
Inventory - Supplies	2,575,749.36	2,702,464.79	(126,715.43)	-4.69%
Inventory - Warehouse	370,026.47	43,862.87	326,163.60	743.60%
Other Current Assets	458,994.17	519,677.05	(60,682.88)	-11.68%
	-----	-----	-----	-----
Total Current Assets	33,644,157.99	42,427,669.25	(8,783,511.26)	-20.70%
FIXED ASSETS				
Land, Underground & Other	12,353,375.03	12,353,375.03	-	0.00%
Bldgs & Infrastructure	8,881,327.62	8,881,327.62	-	0.00%
Improvements	49,299,966.62	43,964,388.80	5,335,577.82	12.14%
Computer Equipment	362,464.95	357,294.53	5,170.42	1.45%
Equipment & Fixtures	9,234,741.03	8,080,531.05	1,154,209.98	14.28%
Accum Depr & Amort	(7,580,677.46)	(5,920,444.31)	(1,660,233.15)	28.04%
	-----	-----	-----	-----
Total Fixed Assets	72,551,197.79	67,716,472.72	4,834,725.07	7.14%
OTHER ASSETS				
Work in Process	1,237,859.50	550,336.18	687,523.32	124.93%
Equipment - Capital Lease	607,583.98	801,838.67	(194,254.69)	-24.23%
	-----	-----	-----	-----
Total Other Assets	1,845,443.48	1,352,174.85	493,268.63	36.48%
<hr/>				
TOTAL ASSETS	\$ 108,040,799.26	\$ 111,496,316.82	\$ (3,455,517.56)	-3.10%
	=====	=====	=====	=====

DIVISION: ALL

COMPARATIVE BALANCE SHEET

LIABILITIES & EQUITY

	AS OF 08/31/14	AS OF 08/31/13	\$ CHANGE	% CHANGE
CURRENT LIABILITIES				
Accounts Payable	\$ 1,246,748.68	\$ 835,410.93	\$ 411,337.75	49.24%
Other Payables	16,185.28	34,729.51	(18,544.23)	-53.40%
	-----	-----	-----	-----
Total Accounts Payable	1,262,933.96	870,140.44	392,793.52	45.14%
Accrued Payroll Liab	940,812.27	939,214.16	1,598.11	0.17%
	-----	-----	-----	-----
Total Current Liabilities	2,203,746.23	1,809,354.60	394,391.63	21.80%
OTHER LIABILITIES				
LT Accrued EB/Lease	607,583.98	801,838.67	(194,254.69)	-24.23%
	-----	-----	-----	-----
Total Other Liabilities	607,583.98	801,838.67	(194,254.69)	-24.23%
	-----	-----	-----	-----
TOTAL LIABILITIES	2,811,330.21	2,611,193.27	200,136.94	7.66%
STOCKHOLDER'S EQUITY				
Restricted: Indemnificati	10,000,000.00	10,000,000.00	-	0.00%
Restricted: Sanford	2,843,598.40	2,569,201.69	274,396.71	10.68%
Restricted: Lab	-	1,760,804.00	(1,760,804.00)	-100.00%
Restricted: Mine Closure	1,349,275.35	1,348,219.99	1,055.36	0.08%
Restricted: Sanford Gift2	13,142,213.00	20,000,000.00	(6,857,787.00)	-34.29%
	-----	-----	-----	-----
Total Restricted Funds	27,335,086.75	35,678,225.68	(8,343,138.93)	-23.38%
Investment in Gen FA	72,551,197.79	67,716,472.72	4,834,725.07	7.14%
Unrestricted Funds	5,343,184.51	5,490,425.15	(147,240.64)	-2.68%
	-----	-----	-----	-----
TOTAL EQUITY	105,229,469.05	108,885,123.55	(3,655,654.50)	-3.36%
	=====	=====	=====	=====
TOTAL LIABILITIES & EQUITY	\$ 108,040,799.26	\$ 111,496,316.82	\$ (3,455,517.56)	-3.10%
	=====	=====	=====	=====

DIVISION: ALL

COMPARATIVE STATEMENT OF INCOME

FOR THE PERIOD ENDING 08/31/14

	YEAR TO DATE	PRIOR YEAR TO DATE	\$ CHANGE	% CHANGE
REVENUE				
DOE Subcontracts	\$ 2,351,972.39	\$ 2,381,890.99	\$ (29,918.60)	-1.26%
NSF Subcontracts	-	56,162.51	(56,162.51)	-100.00%
State Revenue	411.49	2,000,235.93	(1,999,824.44)	-99.98%
Contributions & Donations	500,000.00	-	500,000.00	100.00%
Checking Interest	11.36	6.52	4.84	74.23%
Interest Income	34,658.99	122,025.00	(87,366.01)	-71.60%
TOTAL REVENUE	2,887,054.23	4,560,320.95	(1,673,266.72)	-36.69%
DIRECT COSTS				
Direct Labor	1,218,376.07	1,227,449.23	(9,073.16)	-0.74%
ERT Labor	4,765.50	4,212.50	553.00	13.13%
Board of Directors	34.52	79.55	(45.03)	100.00%
Capital Outlay >\$5K	-	48,041.88	(48,041.88)	-100.00%
Contractual Svcs	350,179.27	294,798.44	55,380.83	18.79%
Emergency Resp	189.64	9,489.02	(9,299.38)	-98.00%
Inventory	35,407.26	18,117.22	17,290.04	95.43%
Supplies	69,215.86	173,879.37	(104,663.51)	-60.19%
Travel - Domestic	12,369.68	8,120.33	4,249.35	52.33%
Travel - Foreign	21,104.19	10,818.66	10,285.53	95.07%
Utilities	276,631.94	202,859.67	73,772.27	36.37%
Other Direct Costs	43,412.37	12,247.56	31,164.81	254.46%
Unallow/Unbill Costs	68,441.29	48,763.05	19,678.24	40.35%
TOTAL DIRECT COSTS	2,100,127.59	2,058,876.48	41,251.11	2.00%
INDIRECT COSTS				
Fringe Benefits	447,150.58	441,913.48	5,237.10	1.19%
Overhead	554,870.95	528,412.71	26,458.24	5.01%
TOTAL INDIRECT COSTS	1,002,021.53	970,326.19	31,695.34	3.27%
GROSS PROFIT	(215,094.89)	1,531,118.28	(1,746,213.17)	-114.05%
OTHER INCOME				
Water Treatment	59,414.82	24,711.81	34,703.01	140.43%
Miscellaneous Income	11,797.40	17,656.65	(5,859.25)	-33.18%
TOTAL OTHER INCOME	71,212.22	42,368.46	28,843.76	68.08%
OTHER EXPENSES				
Reclass Incr Net Assets	(244,055.66)	(278,485.86)	34,430.20	-12.36%
TOTAL OTHER EXPENSES	(244,055.66)	(278,485.86)	34,430.20	-12.36%
NET INCOME/LOSS	\$ 100,172.99	\$ 1,851,972.60	\$ (1,751,799.61)	-94.59%

South Dakota Science & Technology Authority
Available Cash
8/31/2014

Cash Total Checking/Savings	\$ 1,180,222.00
Cash With State Treasurer	<u>\$ 27,335,087.00</u>
Total Cash	\$ 28,515,309.00
Less: Restricted Funds	
Indemnification & Mine Closure	<u>\$ (11,349,275.00)</u>
Total Cash (Not Restricted)	\$ 17,166,034.00
Less: Total Liabilities	<u>\$ (2,811,330.00)</u>
Available Cash	<u><u>\$ 14,354,704.00</u></u>

SDS&TA Operating Budget Summary FY14/15
Actual vs Budget
August 2014 & YTD

	Aug. 2014	Budget	\$ Over/Under Budget	% of Budget	Actual YTD	YTD Budget	\$ Over/Under Budget	% of Budget	% Remaining
									100%
SDSTA (Authority) Direct Charges									
Board of Directors	\$17,583.00	\$19,184.00	\$1,601.00	91.66%	\$35,207.00	\$38,368.00	\$3,161.00	91.76%	8.24%
Executive Office	\$20,044.00	\$22,976.00	\$2,932.00	87.24%	\$38,266.00	\$46,672.00	\$8,406.00	81.99%	18.01%
Communications	\$13,521.00	\$11,272.00	-\$2,249.00	119.95%	\$23,035.00	\$17,941.00	-\$5,094.00	128.39%	-28.39%
Science Center E & O	\$8,279.00	\$8,990.00	\$711.00	92.09%	\$13,650.00	\$20,590.00	\$6,940.00	66.29%	33.71%
Science Liaison	\$964.00	\$2,031.00	\$1,067.00	0.0%	\$2,996.00	\$4,062.00	\$1,066.00	73.76%	26.24%
Subtotal	\$60,391.00	\$64,453.00	\$4,062.00	93.7%	\$113,154.00	\$127,633.00	\$14,479.00	88.66%	11.34%
Federal Funding - Direct Charges									
Fermi P.O. #609755 NEPA	\$6,328.00	\$12,563.00	\$6,235.00	50.37%	\$10,111.00	\$26,088.00	\$15,977.00	38.76%	61.24%
Fermi P.O. #610998HDR	\$238.00	\$250.00	\$12.00	95.2%	\$238.00	\$250.00	\$12.00	95.20%	4.80%
Fermi P.O. #613525 Staff Services	\$26,784.00	\$24,798.00	-\$1,986.00	108.01%	\$39,850.00	\$49,984.00	\$10,134.00	79.73%	20.27%
Fermi P.O. #614807 Ph2 Geotech	\$73,346.00	\$128,803.00	\$55,457.00	56.94%	\$178,315.00	\$257,606.00	\$79,291.00	69.22%	30.78%
LBNL LUX C#6973786	\$8,958.00	\$13,226.00	\$4,268.00	67.73%	\$18,255.00	\$28,860.00	\$10,605.00	63.25%	36.75%
LBNL Operations C#6994297	\$771,549.00	\$850,350.00	\$78,801.00	90.73%	\$1,342,041.00	\$2,029,182.00	\$687,141.00	66.14%	33.86%
LBNL LUX/Zeplin C#7093667	\$13,906.00	\$15,180.00	\$1,274.00	91.61%	\$25,175.00	\$34,261.00	\$9,086.00	73.48%	26.52%
MJD (Majorana) # 5-4473	\$709.00	\$1,000.00	\$291.00	70.9%	\$3,083.00	\$3,000.00	-\$83.00	102.77%	-2.77%
CUBED - USD	\$147.00	\$500.00	\$353.00	29.4%	\$329.00	\$1,000.00	\$671.00	32.90%	67.10%
U. of Minn. DUGL#A003778902	\$0.00	\$4,000.00	\$4,000.00	0.0%	\$0.00	\$8,000.00	\$8,000.00	0.00%	100.00%
Subtotal	\$901,965.00	\$1,050,670.00	\$148,705.00	85.85%	\$1,617,397.00	\$2,438,231.00	\$820,834.00	66.33%	33.67%
Indirect Expenses									
Indirect Charges Personnel	\$103,679.00	\$104,600.00	\$921.00	99.12%	\$160,872.00	\$193,594.00	\$32,722.00	83.10%	16.90%
Indirect Charges Other	\$237,282.00	\$203,049.00	-\$34,233.00	116.86%	\$434,018.00	\$470,031.00	\$36,013.00	92.34%	7.66%
Subtotal	\$340,961.00	\$307,649.00	-\$33,312.00	110.83%	\$594,890.00	\$663,625.00	\$68,735.00	89.64%	10.36%
Totals	\$1,303,317.00	\$1,422,772.00	\$119,455.00	91.6%	\$2,325,441.00	\$3,229,489.00	\$904,048.00	72.01%	27.99%

SDSTA CAPEX Budget Summary FY14/15
Actual vs Budget
August 2014 & YTD

<u>Budget Area</u>	<u>Actual Month</u>	<u>FY2015 Monthly Budget</u>	<u>\$ Over/Under Budget</u>	<u>% of Budget</u>	<u>Actual YTD</u>	<u>FY2015 YTD Budget</u>	<u>\$ Over/Under Budget</u>	<u>% of Budget</u>	<u>% Remaining</u>
									100.00%
Operational CAPEX	\$ 984,090.47	\$ 1,152,930.00	\$ 168,839.53	85.36%	\$ 1,634,557.81	\$ 17,805,715.00	\$ 16,171,157.19	9.18%	90.82%
TOTAL CAPEX	\$ 984,090.47	\$ 1,152,930.00	\$ 168,839.53	85.36%	\$ 1,634,557.81	\$ 17,805,715.00	\$ 16,171,157.19	9.18%	90.82%

SD Science & Technology Authority
Operational CAPEX Budget
Monthly Actual vs Budget

Project #	Project Description	Aug. 2014	Budget	\$ Over/UnderBudget	% of Budget
CAP2012-13	Water/Hazard Mitigation Work	\$ 428.50	\$ 5,000.00	\$ 4,571.50	8.57%
CAP2012-27	Ross Shaft Furnishings Repl.M&S	\$ 283,235.79	\$ 259,072.00	\$ (24,163.79)	109.33%
CAP2012-28	Work Decks	\$ -	\$ -	\$ -	0.00%
CAP2012-32	SDSTA Personnel	\$ 150,892.19	\$ 163,095.00	\$ 12,202.81	92.52%
CAP2013-06	Yates Shaft Improvements	\$ 6,465.10	\$ 25,000.00	\$ 18,534.90	25.86%
CAP2014-01	Sanford Visitor Center Design & Construction	\$ 334,922.50	\$ 323,763.00	\$ (11,159.50)	103.45%
CAP2014-02	Xenon Gas	\$ -	\$ -	\$ -	0.00%
CAP2014-04	Surface Lab Roof	\$ -	\$ -	\$ -	0.00%
CAP2014-05	CASPAR Experiment Development	\$ -	\$ 80,000.00	\$ 80,000.00	0.00%
CAP2014-06	BHSU Jonas Science Building Renovation	\$ -	\$ -	\$ -	0.00%
CAP2014-07	Davis Campus HVAC Augment System	\$ 10,776.50	\$ -	\$ (10,776.50)	100.00%
CAP2014-09	CASPAR Facility Development	\$ 54,663.91	\$ 170,000.00	\$ 115,336.09	32.16%
CAP2014-11	LBCF Low Background Counting Fac.Dev.	\$ 6,784.30	\$ 7,000.00	\$ 215.70	96.92%
CAP2015-01	WTP Tank & Install	\$ 89,071.68	\$ 72,000.00	\$ (17,071.68)	123.71%
CAP2015-02	Yates Tunnel Hazard Mitigation	\$ -	\$ -	\$ -	0.00%
CAP2015-03	Yates/Ross Hoist Bldg. Masonry	\$ 46,850.00	\$ 48,000.00	\$ 1,150.00	97.60%
Monthly Totals		\$ 984,090.47	\$ 1,152,930.00	\$ 168,839.53	85.36%

SD Science & Technology Authority
Operational CAPEX Budget
YTD FY2015 Actual vs Budget

Project #	Project Description	Aug. YTD FY2015	FY2015 Budget	\$ Over/UnderBudget	% of Budget	% Remaining
						100%
CAP2012-13	Water/Hazard Mitigation Work	\$3,199.50	\$ 113,643.00	\$ 110,443.50	2.82%	97.18%
CAP2012-27	Ross Shaft Furnishings Repl.M&S	\$456,469.20	\$ 4,643,148.00	\$ 4,186,678.80	9.83%	90.17%
CAP2012-28	Work Decks	\$1,000.00	\$ 45,000.00	\$ 44,000.00	2.22%	97.78%
CAP2012-32	SDSTA Personnel	\$239,598.34	\$ 2,231,015.00	\$ 1,991,416.66	10.74%	89.26%
CAP2013-06	Yates Shaft Improvements	\$18,977.46	\$ 300,000.00	\$ 281,022.54	6.33%	93.67%
CAP2014-01	Sanford Visitor Center Design & Construction	\$566,014.98	\$ 4,437,425.00	\$ 3,871,410.02	12.76%	87.24%
CAP2014-02	Xenon Gas	\$2,250.00	\$ 67,145.00	\$ 64,895.00	3.35%	96.65%
CAP2014-04	Surface Lab Roof	\$44,839.26	\$ 44,785.00	\$ (54.26)	100.12%	-0.12%
CAP2014-05	CASPAR Experiment Development	\$0.00	\$ 969,766.00	\$ 969,766.00	0.00%	100.00%
CAP2014-06	BHSU Jonas Science Building Renovation	\$0.00	\$ 2,500,000.00	\$ 2,500,000.00	0.00%	100.00%
CAP2014-07	Davis Campus HVAC Augment System	\$10,776.50	\$ 280.00	\$ (10,496.50)	3848.75%	-3748.75%
CAP2014-09	CASPAR Facility Development	\$105,471.84	\$ 2,112,308.00	\$ 2,006,836.16	4.99%	95.01%
CAP2014-11	LBCF Low Background Counting Fac.Dev.	\$6,943.30	\$ 50,000.00	\$ 43,056.70	13.89%	86.11%
CAP2015-01	WTP Tank & Install	\$110,167.43	\$ 97,000.00	\$ (13,167.43)	113.57%	-13.57%
CAP2015-02	Yates Tunnel Hazard Mitigation	\$0.00	\$ 100,000.00	\$ 100,000.00	0.00%	100.00%
CAP2015-03	Yates/Ross Hoist Bldg. Masonry	\$68,850.00	\$ 94,200.00	\$ 25,350.00	73.09%	26.91%
	Totals	\$ 1,634,557.81	\$ 17,805,715.00	\$ 16,171,157.19	9.18%	90.82%

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SD Science & Technology Authority

Year to Date Reconciliation - 7/1/2013 through 6/30/2014

June 30, 2014

Year to Date 7/1/2013 through 6/30/2014

Cost of Fixed Assets

Accumulated Depreciation

000 - SD Science & Technology Authority

Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
110 - Automobiles										
16 1998 Chevy Cube Truck	7/13/2007	7/13/2007	9,850.00			9,850.00	7,737.57	1,127.00		8,864.57
77 2003 Chevy Astro AWD	7/15/2008	7/15/2008	9,079.90			9,079.90	5,835.42	1,167.00		7,002.42
78 2003 Ford F250 63-1658	1/16/2009	1/16/2009	11,890.17			11,890.17	6,752.97	1,529.00		8,281.97
79 2000 Ford F150 V8 Whit	2/16/2009	2/16/2009	7,273.42			7,273.42	4,051.72	935.00		4,986.72
81 2001 Dodge W/Maintena	2/25/2009	2/25/2009	12,329.88			12,329.88	6,868.42	1,585.00		8,453.42
347 1999 Chevy Suburban W	8/11/2009	8/11/2009	6,618.17			6,618.17	3,333.00	851.00		4,184.00
348 2001 Dodge 2500 W/Mai	8/12/2009	8/12/2009	8,906.71			8,906.71	4,485.00	1,145.00		5,630.00
349 2004 Ford Explorer Sport	6/4/2010	6/4/2010	13,306.83			13,306.83	5,276.00	1,711.00		6,987.00
			79,255.08	0.00	0.00	79,255.08	44,340.10	10,050.00	0.00	54,390.10
120 - Building										
10 Ross Hoist Room	4/14/2006	4/14/2006	436,796.20			436,796.20	71,327.72	8,736.00		80,063.72
14 Ross Head Frame & Crus	4/14/2006	4/14/2006	421,551.65			421,551.65	68,837.90	8,431.00		77,268.90
19 Yates Head Frame & Cru	4/14/2006	4/14/2006	496,154.18			496,154.18	81,020.06	9,923.00		90,943.06
24 Mine Office - Admin Bld	4/14/2006	4/14/2006	461,316.99			461,316.99	75,330.23	9,226.00		84,556.23
25 Yates Hoist/MG Set Rooi	4/14/2006	4/14/2006	797,826.88			797,826.88	130,284.43	15,957.00		146,241.43
26 Ross Substation Building	4/14/2006	4/14/2006	13,615.43			13,615.43	2,222.12	272.00		2,494.12
27 Ross Boiler	4/14/2006	4/14/2006	23,236.99			23,236.99	3,795.57	465.00		4,260.57
28 Ross Core Shed	4/14/2006	4/14/2006	6,785.02			6,785.02	1,109.17	136.00		1,245.17
29 Ross Dry	4/14/2006	4/14/2006	142,961.96			142,961.96	23,344.27	2,859.00		26,203.27
30 Ross Pipe Shop	4/14/2006	4/14/2006	50,830.92			50,830.92	8,302.05	1,017.00		9,319.05
31 LIID Warehouse	4/14/2006	4/14/2006	51,988.23			51,988.23	8,490.45	1,040.00		9,530.45
32 Ross Tramway Shed	4/14/2006	4/14/2006	68,757.90			68,757.90	11,227.31	1,375.00		12,602.31
33 Ross Air Tanks	4/14/2006	4/14/2006	7,760.79			7,760.79	1,266.45	155.00		1,421.45
34 Ross Ramp	4/14/2006	4/14/2006	7,091.37			7,091.37	1,158.69	142.00		1,300.69
35 Oro Hondo Fan Building	4/14/2006	4/14/2006	6,807.71			6,807.71	1,111.06	136.00		1,247.06
36 Oro Hondo Substation Bt	4/14/2006	4/14/2006	6,807.71			6,807.71	1,111.06	136.00		1,247.06
37 Shaft Heater Room @ #5	4/14/2006	4/14/2006	6,240.40			6,240.40	1,019.81	125.00		1,144.81
38 Tramway Roundhouse	4/14/2006	4/14/2006	7,624.64			7,624.64	1,243.11	152.00		1,395.11
39 Main Warehouse	4/14/2006	4/14/2006	142,224.46			142,224.46	23,222.84	2,844.00		26,066.84
41 Bottle Gas Storage	4/14/2006	4/14/2006	20,967.75			20,967.75	3,422.55	419.00		3,841.55
42 Tramway	4/14/2006	4/14/2006	177,908.22			177,908.22	29,051.19	3,558.00		32,609.19

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Sys ID	Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
120 - Building											
43	Iron House	4/14/2006	4/14/2006	60,044.02			60,044.02	9,805.48	1,201.00		11,006.48
44	Machine Shop	4/14/2006	4/14/2006	257,142.32			257,142.32	41,991.13	5,143.00		47,134.13
45	Foundry	4/14/2006	4/14/2006	162,810.11			162,810.11	26,585.56	3,256.00		29,841.56
46	Battery Repair Building	4/14/2006	4/14/2006	26,141.62			26,141.62	4,269.51	523.00		4,792.51
47	Bit Shop	4/14/2006	4/14/2006	5,446.17			5,446.17	889.65	109.00		998.65
48	Paint Shop	4/14/2006	4/14/2006	7,715.41			7,715.41	1,258.67	154.00		1,412.67
50	East Substation Building	4/14/2006	4/14/2006	6,807.71			6,807.71	1,111.06	136.00		1,247.06
51	Wash Rack	4/14/2006	4/14/2006	7,148.10			7,148.10	1,167.41	143.00		1,310.41
52	Steady Head Tank	4/14/2006	4/14/2006	8,271.37			8,271.37	1,348.98	165.00		1,513.98
53	Yates Safety & Dry	4/14/2006	4/14/2006	215,259.87			215,259.87	35,150.46	4,305.00		39,455.46
54	Yates Power Substation E	4/14/2006	4/14/2006	11,436.96			11,436.96	1,868.66	229.00		2,097.66
55	Yates Bosses Office	4/14/2006	4/14/2006	6,490.02			6,490.02	1,060.60	130.00		1,190.60
57	Yates Lamp Room	4/14/2006	4/14/2006	10,620.03			10,620.03	1,732.61	212.00		1,944.61
58	Yates Dust Collector	4/14/2006	4/14/2006	3,630.78			3,630.78	594.43	73.00		667.43
59	Yates Sawmill	4/14/2006	4/14/2006	33,947.79			33,947.79	5,543.74	679.00		6,222.74
60	Used Oil Storage Tank	4/14/2006	4/14/2006	2,042.31			2,042.31	334.12	41.00		375.12
61	Yates Cooling Tower	4/14/2006	4/14/2006	5,446.17			5,446.17	889.65	109.00		998.65
62	Yates Compressor	4/14/2006	4/14/2006	173,180.53			173,180.53	28,281.38	3,464.00		31,745.38
63	Motor Repair Shop	4/14/2006	4/14/2006	17,473.13			17,473.13	2,851.46	349.00		3,200.46
64	WW Influent Building	4/14/2006	4/14/2006	645,487.44			645,487.44	105,407.04	12,910.00		118,317.04
65	WW Lab/Fishhouse	4/14/2006	4/14/2006	134,476.55			134,476.55	21,961.47	2,690.00		24,651.47
66	WW Mechanical Building	4/14/2006	4/14/2006	727,249.18			727,249.18	118,757.53	14,545.00		133,302.53
67	WW Warehouse	4/14/2006	4/14/2006	174,012.66			174,012.66	28,414.70	3,480.00		31,894.70
68	WW Sandfilter Building	4/14/2006	4/14/2006	917,399.02			917,399.02	149,808.40	18,348.00		168,156.40
338	Building Closing Costs	1/31/2007	1/31/2007	63,820.42			63,820.42	8,698.67	1,276.00		9,974.67
73	WW Protec Building 56A	12/1/2008	12/1/2008	64,632.77			64,632.77	11,848.10	2,585.00		14,433.10
74	WW Valve Building 9X1	12/16/2008	12/16/2008	15,178.78			15,178.78	1,367.79	304.00		1,671.79
75	WW Pole Frame Building	2/5/2009	2/5/2009	104,518.82			104,518.82	9,230.99	2,090.00		11,320.99
				7,223,085.46	0.00	0.00	7,223,085.46	1,170,127.29	145,753.00	0.00	1,315,880.29
130 - Computer Hardware											
83	2950 Windows Server 20	5/30/2009	5/30/2009	5,033.00			5,033.00	4,111.88	921.00		5,032.88
84	2950 Windows Server 20	5/30/2009	5/30/2009	7,294.02			7,294.02	5,957.57	1,336.00		7,293.57
85	2950 Windows Server 20	5/30/2009	5/30/2009	5,033.00			5,033.00	4,111.88	921.00		5,032.88
86	2950 Windows Server 20	5/30/2009	5/30/2009	6,911.21			6,911.21	5,643.19	1,268.00		6,911.19
87	2950 Windows Web Serv	5/30/2009	5/30/2009	5,424.45			5,424.45	4,430.41	994.00		5,424.41

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Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
130 - Computer Hardware										
88 Rack Server RACK	5/30/2009	5/30/2009	5,700.94			5,700.94	4,655.02	1,045.00		5,700.02
89 Rack Server RACK	5/30/2009	5/30/2009	5,700.94			5,700.94	4,655.02	1,045.00		5,700.02
90 2950 Windows Server 20	5/30/2009	5/30/2009	5,033.00			5,033.00	4,111.88	921.00		5,032.88
91 DL2000 Windows Server	5/30/2009	5/30/2009	19,609.68			19,609.68	16,014.83	3,594.00		19,608.83
92 DL2000 Windows Server	5/30/2009	5/30/2009	14,861.57			14,861.57	12,135.69	2,725.00		14,860.69
95 Router Kit 7609-2SUP72	5/30/2009	5/30/2009	56,935.00			56,935.00	46,496.92	10,438.00		56,934.92
96 Catalyst 48-Port 10/100/1	5/30/2009	5/30/2009	8,910.00			8,910.00	7,276.50	1,634.00		8,910.50
97 Catalyst 48-Port 10/100/1	5/30/2009	5/30/2009	8,938.50			8,938.50	7,300.98	1,637.00		8,937.98
98 SSG 550M System 1GB 1	5/30/2009	5/30/2009	7,350.00			7,350.00	6,002.50	1,348.00		7,350.50
99 SA2500 Secure Access 2.	5/30/2009	5/30/2009	7,906.50			7,906.50	6,455.78	1,450.00		7,905.78
100 41213 Management Swit.	5/30/2009	5/30/2009	6,196.90			6,196.90	5,059.28	1,137.00		6,196.28
101 41213 Management Swit.	5/30/2009	5/30/2009	6,196.90			6,196.90	5,059.28	1,137.00		6,196.28
102 41213 Management Swit.	5/30/2009	5/30/2009	6,196.90			6,196.90	5,059.28	1,137.00		6,196.28
103 41213 Management Swit.	5/30/2009	5/30/2009	6,196.90			6,196.90	5,059.28	1,137.00		6,196.28
104 41213 Management Swit.	5/30/2009	5/30/2009	6,196.90			6,196.90	5,059.28	1,137.00		6,196.28
105 41213 Management Swit.	5/30/2009	5/30/2009	6,196.90			6,196.90	5,059.28	1,137.00		6,196.28
106 41517 48 Port TX 12800	5/30/2009	5/30/2009	6,510.00			6,510.00	5,316.50	1,194.00		6,510.50
107 41517 48 Port TX 12800	5/30/2009	5/30/2009	6,510.00			6,510.00	5,316.50	1,194.00		6,510.50
108 41517 48 Port TX 12800	5/30/2009	5/30/2009	6,510.00			6,510.00	5,316.50	1,194.00		6,510.50
109 41544 48 Port GBIC 128	5/30/2009	5/30/2009	9,916.90			9,916.90	8,097.28	1,819.00		9,916.28
110 41544 48 Port GBIC 128	5/30/2009	5/30/2009	9,916.90			9,916.90	8,097.28	1,819.00		9,916.28
111 41544 48 Port GBIC 128	5/30/2009	5/30/2009	9,916.90			9,916.90	8,097.28	1,819.00		9,916.28
112 41517 BD 12800 Managi	5/30/2009	5/30/2009	6,510.00			6,510.00	5,316.50	1,194.00		6,510.50
113 41517 BD 12800 Managi	5/30/2009	5/30/2009	6,510.00			6,510.00	5,316.50	1,194.00		6,510.50
114 SSG 550M System 1GB 1	5/30/2009	5/30/2009	7,350.00			7,350.00	6,002.50	1,348.00		7,350.50
115 SA2500 Secure Access 2.	5/30/2009	5/30/2009	7,906.50			7,906.50	6,455.78	1,450.00		7,905.78
116 41544 BD 12800 Managi	5/30/2009	5/30/2009	9,916.90			9,916.90	8,097.28	1,819.00		9,916.28
93 2950 Windows Server 20	6/30/2009	6/30/2009	6,448.96			6,448.96	5,160.00	1,288.00		6,448.00
94 Cosign Appliance Windo	6/30/2009	6/30/2009	8,600.00			8,600.00	6,880.00	1,720.00		8,600.00
350 Virtual Windows Server	6/1/2010	6/1/2010	8,840.42			8,840.42	5,451.00	1,768.00		7,219.00
351 Server Rack	6/30/2010	6/30/2010	7,986.99			7,986.99	4,791.00	1,597.00		6,388.00
352 PLC Mine Monitoring Sy	6/30/2010	6/30/2010	7,910.20			7,910.20	4,746.00	1,582.00		6,328.00
429 PLC Mine Monitoring Sy	7/15/2010	7/15/2010	2,343.71			2,343.71	1,407.00	469.00		1,876.00
433 PLC Mine Monitoring Sy	4/1/2011	4/1/2011	19,866.94			19,866.94	8,939.00	3,973.00		12,912.00
549 Apple MP 3.5 1TB 32GB	3/31/2014	3/31/2014		5,170.42		5,170.42		258.00		258.00

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Sys ID	Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
130 - Computer Hardware				357,294.53	5,170.42	0.00	362,464.95	278,519.63	66,798.00	0.00	345,317.63
140 - Equipment & Fixtures											
119	Telephone Equipment	6/1/2006	6/1/2006	3,927.47			3,927.47	3,215.69	393.00		3,608.69
120	Kubota RTV900T6H Util	10/31/2006	10/31/2006	16,535.00			16,535.00	11,025.33	1,654.00		12,679.33
121	John Deere 304J Wheel L	11/30/2006	11/30/2006	89,701.26			89,701.26	59,052.83	8,970.00		68,022.83
122	Solomon Corp 1000kva,I	3/16/2007	3/16/2007	8,017.33			8,017.33	2,250.43	200.00		2,450.43
179	Softstart Controllers 700I	6/30/2007	6/30/2007	167,350.00			167,350.00	55,784.67	11,157.00		66,941.67
123	Oxygen Booster Pumps (7/1/2007	7/1/2007	21,400.00			21,400.00	12,840.00	2,140.00		14,980.00
124	Command Modules Com	7/1/2007	7/1/2007	18,589.00			18,589.00	18,588.60	0.40		18,589.00
125	Self-Contained Breathing	7/1/2007	7/1/2007	97,720.00			97,720.00	97,720.00			97,720.00
207	Motor GE 700HP HL840	9/24/2007	9/24/2007	28,370.67			28,370.67	7,090.53	1,418.00		8,508.53
154	700HP Kirk Timberyard :	11/29/2007	11/29/2007	25,860.76			25,860.76	4,310.03	862.00		5,172.03
152	Grunfos 150 HP Pump A:	12/10/2007	12/10/2007	17,558.95		(17,558.95)	0.00	3,510.36	702.00	(4,212.36)	0.00
168	Transformer 225 KVA TI	12/17/2007	12/17/2007	12,355.22			12,355.22	1,544.88	309.00		1,853.88
126	Safety Apparatus (7 pack	12/31/2007	12/31/2007	48,860.00			48,860.00	26,873.00	4,886.00		31,759.00
196	Ross Headframe Air Unit	12/31/2007	12/31/2007	10,817.00			10,817.00	5,409.70	1,082.00		6,491.70
331	Tsurumi Pumps LH675-6	2/4/2008	2/4/2008	22,279.36			22,279.36	4,455.18	891.00		5,346.18
213	Transformer GE 500KVA	2/27/2008	2/27/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
220	Transformer GE 500KVA	2/27/2008	2/27/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
221	Transformer Howard Ind	2/27/2008	2/27/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
223	Transformer Howard Ind	2/27/2008	2/27/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
224	Transformer Solomon 10i	2/27/2008	2/27/2008	5,900.00			5,900.00	739.50	148.00		887.50
225	Transformer Solomon 10i	2/27/2008	2/27/2008	5,900.00			5,900.00	739.50	148.00		887.50
226	Transformer Solomon 10i	2/27/2008	2/27/2008	5,900.00			5,900.00	739.50	148.00		887.50
227	Transformer Howard Ind	2/27/2008	2/27/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
228	Transformer GE 75KVA	2/27/2008	2/27/2008	5,800.00			5,800.00	725.00	145.00		870.00
229	Transformer GE 75KVA	2/27/2008	2/27/2008	5,800.00			5,800.00	725.00	145.00		870.00
230	Transformer GE 75KVA	2/27/2008	2/27/2008	5,800.00			5,800.00	725.00	145.00		870.00
218	Transformer GE 500KVA	2/28/2008	2/28/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
129	3 Ton Locomotive Batter	2/29/2008	2/29/2008	7,884.00			7,884.00	7,884.00			7,884.00
178	Skid Tanks 4X4X12 (4)	3/6/2008	3/6/2008	24,872.90			24,872.90	4,974.92	995.00		5,969.92
201	Pump Ingersoll Rand 037	3/12/2008	3/12/2008	91,206.72			91,206.72	18,240.27	3,648.00		21,888.27
211	Transformer GE 500KVA	3/25/2008	3/25/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
212	Transformer GE 500KVA	3/25/2008	3/25/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
214	Transformer Westinghou:	3/25/2008	3/25/2008	7,350.00			7,350.00	919.75	184.00		1,103.75

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Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
140 - Equipment & Fixtures										
216 Transformer Westinghou:	3/25/2008	3/25/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
217 Transformer Westinghou:	3/25/2008	3/25/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
219 Transformer GE 500KVA	3/25/2008	3/25/2008	7,350.00			7,350.00	919.75	184.00		1,103.75
130 Kyocera Color Copier KX	4/30/2008	4/30/2008	6,749.00			6,749.00	6,748.77	0.23		6,749.00
131 Kyocera Color Copier KX	4/30/2008	4/30/2008	7,081.00			7,081.00	7,081.00			7,081.00
144 Cranes	4/30/2008	4/30/2008	100,509.34			100,509.34	6,700.12	1,340.00		8,040.12
204 Motor GE 700HP FM84C	5/6/2008	5/6/2008	32,772.50			32,772.50	8,194.63	1,639.00		9,833.63
190 Troll 9500 Water Sample	5/14/2008	5/14/2008	8,325.92			8,325.92	4,160.59	832.00		4,992.59
180 Axial Flow Mine Fan 15C	5/30/2008	5/30/2008	53,484.75			53,484.75	13,370.24	2,674.00		16,044.24
127 Draeger Tester 6100	5/31/2008	5/31/2008	6,010.95			6,010.95	6,010.95			6,010.95
142 Base Interface 4 channel	6/18/2008	6/18/2008	6,011.00			6,011.00	3,005.10	601.00		3,606.10
132 Telephone System Additi	6/30/2008	6/30/2008	11,371.31			11,371.31	5,685.00	1,137.00		6,822.00
165 Ross Cage	6/30/2008	6/30/2008	40,179.02			40,179.02	20,089.90	4,018.00		24,107.90
166 Ross Hoist (2)	6/30/2008	6/30/2008	121,842.89			121,842.89	8,124.57	1,625.00		9,749.57
169 Transformer GE 5MVA 1	7/1/2008	7/1/2008	5,000.00			5,000.00	625.00	125.00		750.00
171 Transformer GE 1500KV	7/1/2008	7/1/2008	5,000.00			5,000.00	625.00	125.00		750.00
172 Transformer GE 10,000K	7/1/2008	7/1/2008	10,000.00			10,000.00	1,250.00	250.00		1,500.00
173 Transformer GE 20,000K	7/1/2008	7/1/2008	15,000.00			15,000.00	1,875.00	375.00		2,250.00
174 Transformer GE 10,000 K	7/1/2008	7/1/2008	10,000.00			10,000.00	1,250.00	250.00		1,500.00
175 Transformer GE 10,000K	7/1/2008	7/1/2008	10,000.00			10,000.00	1,250.00	250.00		1,500.00
247 MG Sets (2) Yates	7/1/2008	7/1/2008	60,000.00			60,000.00	4,000.00	800.00		4,800.00
235 FLYGT Centrifugal Pump	7/23/2008	7/23/2008	11,997.23			11,997.23	2,359.90	480.00		2,839.90
197 Ross Hoist Bldg (3) Boile	7/31/2008	7/31/2008	125,245.77			125,245.77	61,576.86	12,524.00		74,100.86
167 Security Monitoring Gate	8/1/2008	8/1/2008	23,126.00			23,126.00	11,371.88	2,313.00		13,684.88
202 Pump Ingersoll Rand 213	8/1/2008	8/1/2008	22,508.00			22,508.00	4,425.29	900.00		5,325.29
203 Pump Ingersoll Rand 675	8/1/2008	8/1/2008	130,646.97			130,646.97	25,694.39	5,226.00		30,920.39
234 Diesel Generator - WWTP	8/1/2008	8/1/2008	5,000.00			5,000.00	2,458.33	500.00		2,958.33
236 FLYGT 10HP Pumps (2)	8/1/2008	8/1/2008	12,000.00			12,000.00	2,360.00	480.00		2,840.00
237 FLYGT 15HP Pumps (2)	8/1/2008	8/1/2008	18,000.00			18,000.00	3,540.00	720.00		4,260.00
239 Pilot RBC	8/1/2008	8/1/2008	5,000.00			5,000.00	491.67	100.00		591.67
240 Root Blowers (2)	8/1/2008	8/1/2008	10,000.00			10,000.00	4,916.67	1,000.00		5,916.67
241 Rotating Biological Cont:	8/1/2008	8/1/2008	206,014.95			206,014.95	20,256.94	4,120.00		24,376.94
242 Sand Filter Galiger Pump	8/1/2008	8/1/2008	15,000.00			15,000.00	2,950.00	600.00		3,550.00
243 Sand Filters (3) WWTP	8/1/2008	8/1/2008	45,000.00			45,000.00	4,425.00	900.00		5,325.00
245 Soda Ash System	8/1/2008	8/1/2008	9,573.70			9,573.70	939.52	191.00		1,130.52

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Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
140 - Equipment & Fixtures										
188 Electric Winch (WE271)	8/15/2008	8/15/2008	47,187.00			47,187.00	4,641.10	944.00		5,585.10
231 Fume Hood for Lab Cabin	8/22/2008	8/22/2008	5,989.95			5,989.95	2,895.16	599.00		3,494.16
205 Motor GE 700HP FM84C	8/25/2008	8/25/2008	38,004.39			38,004.39	9,183.52	1,900.00		11,083.52
156 MG Sets (2) Ross	8/31/2008	8/31/2008	60,000.00			60,000.00	3,866.67	800.00		4,666.67
194 Yates Hoists (2)	8/31/2008	8/31/2008	89,168.26			89,168.26	5,746.76	1,189.00		6,935.76
209 Motor GE 700HP HL840	9/22/2008	9/22/2008	31,362.30			31,362.30	7,448.09	1,568.00		9,016.09
150 Kubota GL7000 Generator	10/21/2008	10/21/2008	5,300.00			5,300.00	2,473.33	530.00		3,003.33
232 Cornell Pumps W/Baldor	10/29/2008	10/29/2008	27,102.98			27,102.98	5,058.75	1,084.00		6,142.75
157 Miller Trailblazer 3020 V	11/5/2008	11/5/2008	7,430.00			7,430.00	3,467.33	743.00		4,210.33
159 Portable Air Compressor	11/19/2008	11/19/2008	7,600.00		(7,600.00)	0.00	3,483.33	127.00	(3,610.33)	0.00
137 40 Unit Cap Lamp Chrg	11/20/2008	11/20/2008	5,253.00			5,253.00	2,406.43	525.00		2,931.43
206 Motor GE 700HP FM83S	11/24/2008	11/24/2008	35,025.30			35,025.30	8,025.57	1,751.00		9,776.57
149 FSM-60S Fusion Splice F	11/28/2008	11/28/2008	19,810.00			19,810.00	6,054.39	1,321.00		7,375.39
136 Admin. Bldg. Heating/Cc	11/30/2008	11/30/2008	32,493.88			32,493.88	14,891.48	3,249.00		18,140.48
244 Seepex 200 GPM Pump /	12/15/2008	12/15/2008	16,316.24			16,316.24	2,992.71	653.00		3,645.71
238 Hoffman 3R Wall Mount	12/24/2008	12/24/2008	11,657.72			11,657.72	3,496.59	777.00		4,273.59
148 Franklin 8" Sand Fighter	12/29/2008	12/29/2008	44,457.42			44,457.42	10,003.44	2,223.00		12,226.44
161 1,000,000BTU Indirect F	12/30/2008	12/30/2008	15,537.00			15,537.00	6,992.85	1,554.00		8,546.85
143 (1) Benshaw Softstart 700	1/6/2009	1/6/2009	35,257.43			35,257.43	10,575.25	2,350.00		12,925.25
162 VFD Pump Controller 15	2/2/2009	2/2/2009	23,100.00			23,100.00	6,801.67	1,540.00		8,341.67
163 VFD Pump Controller 20	2/2/2009	2/2/2009	46,200.00			46,200.00	13,603.33	3,080.00		16,683.33
160 Portable Air Conditioner	2/6/2009	2/6/2009	11,325.40			11,325.40	4,999.89	1,132.00		6,131.89
146 Float Valves for Yates (1-	2/9/2009	2/9/2009	114,346.31			114,346.31	50,504.43	11,435.00		61,939.43
145 Crane #6 Winze Undergr	2/19/2009	2/19/2009	10,631.95			10,631.95	615.25	142.00		757.25
134 Panasonic PTF200TU Wi	2/24/2009	2/24/2009	7,353.83			7,353.83	3,185.13	735.00		3,920.13
200 Pump Ingersoll Rand 107	2/25/2009	2/25/2009	122,676.93			122,676.93	21,263.69	4,907.00		26,170.69
208 Motor GE 700HP ZRH28	3/5/2009	3/5/2009	27,154.00			27,154.00	5,884.57	1,358.00		7,242.57
158 3000HP American David	3/6/2009	3/6/2009	78,752.15			78,752.15	11,375.02	2,625.00		14,000.02
199 Pump Ingersoll Rand 100	3/28/2009	3/28/2009	147,258.51			147,258.51	25,032.59	5,890.00		30,922.59
192 Western Tornado Sand S	4/1/2009	4/1/2009	5,168.50			5,168.50	2,197.21	517.00		2,714.21
193 Western Ultramount Pro I	4/1/2009	4/1/2009	5,247.63			5,247.63	2,231.19	525.00		2,756.19
147 Danfoss Flowmatic Chec	4/2/2009	4/2/2009	6,919.11			6,919.11	2,940.98	692.00		3,632.98
198 Pump Ingersoll Rand 372	4/30/2009	4/30/2009	55,987.45			55,987.45	9,329.25	2,239.00		11,568.25
191 Watertank Carbon steel 9	5/8/2009	5/8/2009	12,880.41			12,880.41	2,145.87	515.00		2,660.87
164 VFD 150 HP Control Par	5/14/2009	5/14/2009	12,705.00			12,705.00	3,529.17	847.00		4,376.17

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Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
140 - Equipment & Fixtures										
181 Trojan 3.25 Locomotive	6/10/2009	6/10/2009	51,615.60			51,615.60	9,518.23	2,331.00		11,849.23
182 Battery for Trojan Locom	6/10/2009	6/10/2009	11,000.00			11,000.00	6,414.95	1,571.00		7,985.95
153 Huron 560 Wall Tank and	6/11/2009	6/11/2009	6,098.08			6,098.08	1,245.41	305.00		1,550.41
138 Ansul Inergen Fire Suppr	6/23/2009	6/23/2009	12,919.00			12,919.00	3,444.00	861.00		4,305.00
155 Lift Bag Kit Light US&R	6/25/2009	6/25/2009	16,750.00			16,750.00	6,700.00	1,675.00		8,375.00
135 Telephone Expansion	6/26/2009	6/26/2009	28,249.27			28,249.27	11,300.00	2,825.00		14,125.00
139 2008 Artic Cat 700 Diese	6/30/2009	6/30/2009	10,244.54			10,244.54	5,560.00	1,390.00		6,950.00
140 2008 Artic Cat 700 Diese	6/30/2009	6/30/2009	10,244.54			10,244.54	5,560.00	1,390.00		6,950.00
141 2008 Artic Cat 700 Diese	6/30/2009	6/30/2009	10,244.55			10,244.55	5,560.00	1,390.00		6,950.00
151 Portable Generator 100K'	6/30/2009	6/30/2009	27,100.00			27,100.00	10,840.00	2,710.00		13,550.00
195 Ross Fuel Tank/Stand/Cc	6/30/2009	6/30/2009	21,100.39			21,100.39	8,440.00	2,110.00		10,550.00
353 JD Skid Steer 315 W/CE	7/18/2009	7/18/2009	23,241.00			23,241.00	9,102.00	2,324.00		11,426.00
354 Trojan 3.25 Locomotive	8/28/2009	8/28/2009	51,192.71			51,192.71	8,855.00	2,310.00		11,165.00
355 .36Cell/72 Volt Battery fi	8/28/2009	8/28/2009	11,000.00			11,000.00	8,433.00	2,200.00		10,633.00
356 Sanyo Air Conditioning S	9/1/2009	9/1/2009	41,401.66			41,401.66	15,870.00	4,140.00		20,010.00
357 F-16A Dry Ice Blast Unit	9/17/2009	9/17/2009	17,750.00			17,750.00	6,656.00	1,775.00		8,431.00
358 High Voltage Cable Testi	9/23/2009	9/23/2009	7,920.00			7,920.00	2,970.00	792.00		3,762.00
396 Panasonic Data Video Pr	9/30/2009	9/30/2009	6,797.47			6,797.47	5,097.00	1,359.00		6,456.00
359 Water Meter LUX Surfac	10/1/2009	10/1/2009	6,011.30			6,011.30	2,254.00	601.00		2,855.00
360 Wall Mounted Enclosure	10/1/2009	10/1/2009	7,200.00			7,200.00	1,800.00	480.00		2,280.00
361 8-1/2' Western Ultramou	10/1/2009	10/1/2009	5,309.25			5,309.25	1,991.00	531.00		2,522.00
362 Benshaw Softstart 700HF	10/1/2009	10/1/2009	35,257.43			35,257.43	8,813.00	2,350.00		11,163.00
364 Vertical Diesel Symo Pov	10/22/2009	10/22/2009	8,665.05			8,665.05	3,176.00	866.00		4,042.00
365 Vertical Diesel Symo Pov	10/22/2009	10/22/2009	5,721.30			5,721.30	2,097.00	572.00		2,669.00
366 Wall Mounted Enclosure	11/1/2009	11/1/2009	7,200.00			7,200.00	1,760.00	480.00		2,240.00
367 Spendrup 350HP Fan at C	11/1/2009	11/1/2009	83,092.63			83,092.63	15,235.00	4,155.00		19,390.00
368 500KVA Transformer3 P	11/1/2009	11/1/2009	18,465.41			18,465.41	1,694.00	462.00		2,156.00
369 Baldor VFD Motors 350f	11/1/2009	11/1/2009	61,000.00			61,000.00	11,183.00	3,050.00		14,233.00
370 Benshaw Switch Disconn	11/1/2009	11/1/2009	8,791.96			8,791.96	2,149.00	586.00		2,735.00
371 GE700HP GE Pump Mot	11/1/2009	11/1/2009	31,986.00			31,986.00	5,863.00	1,599.00		7,462.00
372 350HP Spendrup Fan at #	11/10/2009	11/10/2009	106,641.04			106,641.04	19,551.00	5,332.00		24,883.00
374 S&C PMX Modular Met	12/1/2009	12/1/2009	27,059.00			27,059.00	6,464.00	1,804.00		8,268.00
375 GE 8000 Series Breaker I	12/3/2009	12/3/2009	6,464.69			6,464.69	1,544.00	431.00		1,975.00
376 GE Spectra Series Switch	12/3/2009	12/3/2009	7,239.85			7,239.85	1,731.00	483.00		2,214.00
377 (2) A Bradley Powerflex	12/3/2009	12/3/2009	15,068.40			15,068.40	3,601.00	1,005.00		4,606.00

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Sys ID	Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
140 - Equipment & Fixtures											
378	Multi Media Sand Filter S	12/3/2009	12/3/2009	615,021.84			615,021.84	44,075.00	12,300.00		56,375.00
397	Telephone System Upgra-	12/7/2009	12/7/2009	17,712.14			17,712.14	6,346.00	1,771.00		8,117.00
379	Johnson Controls HVAC	1/1/2010	1/1/2010	18,921.00			18,921.00	6,622.00	1,892.00		8,514.00
380	Johnson Controls HVAC	1/1/2010	1/1/2010	20,427.00			20,427.00	7,150.00	2,043.00		9,193.00
381	HVAC Air Handling Uni	1/1/2010	1/1/2010	20,862.92			20,862.92	7,301.00	2,086.00		9,387.00
382	Chemical Outdoor Stora	1/15/2010	1/15/2010	28,869.55			28,869.55	5,051.00	1,443.00		6,494.00
383	HydraulicClamb/Pneuma	1/25/2010	1/25/2010	26,940.00			26,940.00	9,204.00	2,694.00		11,898.00
384	Fire Pump	2/1/2010	2/1/2010	13,163.08			13,163.08	4,496.00	1,316.00		5,812.00
385	Jockey Pump	2/1/2010	2/1/2010	13,163.08			13,163.08	4,496.00	1,316.00		5,812.00
386	HY-25XLT 2-1/2" Sq Dr	2/4/2010	2/4/2010	13,957.43			13,957.43	4,770.00	1,396.00		6,166.00
399	Telephone System LUX S	2/15/2010	2/15/2010	9,218.04			9,218.04	3,150.00	922.00		4,072.00
387	Wall Mounted Enclosure	3/1/2010	3/1/2010	7,200.00			7,200.00	1,600.00	480.00		2,080.00
388	S&C PMX Modular Met	3/1/2010	3/1/2010	27,059.00			27,059.00	6,013.00	1,804.00		7,817.00
389	GE Switchgear	3/1/2010	3/1/2010	58,844.32			58,844.32	13,077.00	3,923.00		17,000.00
390	MQ Generator 15KW Mc	3/1/2010	3/1/2010	10,117.00			10,117.00	3,373.00	1,012.00		4,385.00
391	Atlas Copco XAS 185 CF	3/1/2010	3/1/2010	8,924.50			8,924.50	2,973.00	892.00		3,865.00
392	Atlas Copco XAS 185 CF	3/1/2010	3/1/2010	8,924.50			8,924.50	2,973.00	892.00		3,865.00
393	115V PSI Hytorc Pump	3/30/2010	3/30/2010	5,108.37			5,108.37	1,661.00	511.00		2,172.00
394	Clean Room	5/31/2010	5/31/2010	116,000.00			116,000.00	35,767.00	11,600.00		47,367.00
395	S&C Metal Enclosed Fus	6/30/2010	6/30/2010	7,200.00			7,200.00	1,440.00	480.00		1,920.00
398	Telephone System Upgra	6/30/2010	6/30/2010	8,451.00			8,451.00	2,535.00	845.00		3,380.00
400	Telephone System Ross I	6/30/2010	6/30/2010	6,683.90			6,683.90	2,004.00	668.00		2,672.00
426	S&C Wall-Mounted Met	7/1/2010	7/1/2010	7,200.00			7,200.00	1,440.00	480.00		1,920.00
430	Chem Grout Machine Pu	7/29/2010	7/29/2010	5,500.00			5,500.00	1,604.00	550.00		2,154.00
420	Bobcat Skidsteer S300 D	8/2/2010	8/2/2010	33,030.64			33,030.64	9,634.00	3,303.00		12,937.00
423	Air Compressor 125HP F	9/1/2010	9/1/2010	18,515.00			18,515.00	5,247.00	1,852.00		7,099.00
422	JD Angle Broom for Skid	9/3/2010	9/3/2010	5,925.00			5,925.00	1,678.00	592.00		2,270.00
421	S&C PMX Modular Met	9/16/2010	9/16/2010	27,059.00			27,059.00	4,961.00	1,804.00		6,765.00
439	Ross Dry Phone/Data Sys	9/24/2010	9/24/2010	9,183.36			9,183.36	2,525.00	918.00		3,443.00
440	Ross Shaft UG Phone/Da	10/25/2010	10/25/2010	8,550.63			8,550.63	2,280.00	855.00		3,135.00
441	Yates E&O Phone/Data S	11/30/2010	11/30/2010	12,314.24			12,314.24	3,180.00	1,231.00		4,411.00
424	Radon Monitor Alphagua	12/1/2010	12/1/2010	15,028.98			15,028.98	3,883.00	1,503.00		5,386.00
416	Locomotive 1975 8 Ton #	1/27/2011	1/27/2011	130,000.00			130,000.00	44,880.00	18,571.00		63,451.00
417	Locomotive 1975 8 Ton #	1/27/2011	1/27/2011	130,000.00			130,000.00	44,880.00	18,571.00		63,451.00
418	Loader 2007 LT 210 #07-	1/27/2011	1/27/2011	195,000.00			195,000.00	47,125.00	19,500.00		66,625.00

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Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
140 - Equipment & Fixtures										
427 Shotcrete Mixing Auger	2/28/2011	2/28/2011	18,450.00			18,450.00	4,305.00	1,845.00		6,150.00
438 Admin Building Phone/D	3/1/2011	3/1/2011	3,876.26			3,876.26	905.00	388.00		1,293.00
432 Loader 2007 LT350 #07-	5/31/2011	5/31/2011	230,000.00			230,000.00	47,917.00	23,000.00		70,917.00
451 JD XAS 375 CFM Air C	9/1/2011	9/1/2011	27,900.00			27,900.00	5,115.00	2,790.00		7,905.00
469 Transformer 45KVA 600	9/1/2011	9/1/2011	5,298.00			5,298.00	242.00	132.00		374.00
453 Battery Charger for 9-To	1/1/2012	1/1/2012	6,127.78			6,127.78	919.00	613.00		1,532.00
455 TEI 260 Hydraulic Percu	1/1/2012	1/1/2012	32,949.71			32,949.71	4,942.00	3,295.00		8,237.00
454 Lefon Portable Electric P	1/4/2012	1/4/2012	8,218.50			8,218.50	1,233.00	822.00		2,055.00
461 Lull 54' Telescopic Forkli	1/12/2012	1/12/2012	52,500.00			52,500.00	7,875.00	5,250.00		13,125.00
456 Ross Shaft Work Deck	1/20/2012	1/20/2012	16,395.00			16,395.00	2,323.00	1,640.00		3,963.00
459 JD 315 Skid Steer W/Buc	2/10/2012	2/10/2012	25,234.00			25,234.00	3,574.00	2,523.00		6,097.00
457 GE 1500KVA 480/277V	3/1/2012	3/1/2012	102,230.90			102,230.90	3,408.00	2,556.00		5,964.00
458 GE Switchboard 1500KV	3/1/2012	3/1/2012	20,762.10			20,762.10	1,845.00	1,384.00		3,229.00
462 Yates Hoist South Cage	5/1/2012	5/1/2012	123,484.05			123,484.05	14,406.00	12,348.00		26,754.00
480 Rope Dog System Yates '	5/1/2012	5/1/2012	69,642.40			69,642.40	8,125.00	6,964.00		15,089.00
463 Caterpillar Diesel Genera	5/3/2012	5/3/2012	54,313.83			54,313.83	6,336.00	5,431.00		11,767.00
464 Profi 1-Ton Air Hoist 25'	5/8/2012	5/8/2012	6,970.00			6,970.00	813.00	697.00		1,510.00
465 Profi 1-Ton Air Hoist 25'	5/8/2012	5/8/2012	6,970.00			6,970.00	813.00	697.00		1,510.00
470 S&C Metal Enclosed Swi	6/1/2012	6/1/2012	21,656.40			21,656.40	1,564.00	1,444.00		3,008.00
471 S&C Metal Enclosed Swi	6/1/2012	6/1/2012	21,656.40			21,656.40	1,564.00	1,444.00		3,008.00
472 S&C Metal Enclosed Swi	6/1/2012	6/1/2012	21,656.40			21,656.40	1,564.00	1,444.00		3,008.00
473 S&C Metal Enclosed Swi	6/1/2012	6/1/2012	21,656.40			21,656.40	1,564.00	1,444.00		3,008.00
474 S&C Metal Enclosed Swi	6/1/2012	6/1/2012	21,656.40			21,656.40	1,564.00	1,444.00		3,008.00
475 Multilin PQM II Meter fo	6/1/2012	6/1/2012	5,389.00			5,389.00	389.00	359.00		748.00
466 Scanstation C10 Laser Sc	6/5/2012	6/5/2012	59,609.44			59,609.44	6,458.00	5,961.00		12,419.00
467 Refuge Chamber 6X6X1	6/19/2012	6/19/2012	38,105.00			38,105.00	1,905.00	1,905.00		3,810.00
468 Refuge Chamber 6X6X1	6/19/2012	6/19/2012	38,105.00			38,105.00	1,905.00	1,905.00		3,810.00
496 Justice Fire & Safety Pan	7/1/2012	7/1/2012	7,588.00			7,588.00	506.00	506.00		1,012.00
497 Quincy Air Regulator	7/1/2012	7/1/2012	17,788.76			17,788.76	1,779.00	1,779.00		3,558.00
498 Cornell McKeon Rollup I	7/1/2012	7/1/2012	8,980.00			8,980.00	599.00	599.00		1,198.00
499 Rhcem Water Heater	7/1/2012	7/1/2012	10,070.00			10,070.00	1,007.00	1,007.00		2,014.00
500 Johnson Controls Air Har	7/1/2012	7/1/2012	25,071.00			25,071.00	2,507.00	2,507.00		5,014.00
501 Johnson Controls Air Har	7/1/2012	7/1/2012	21,529.00			21,529.00	2,153.00	2,153.00		4,306.00
502 Johnson Controls Air Har	7/1/2012	7/1/2012	21,529.00			21,529.00	2,153.00	2,153.00		4,306.00
503 Johnson Controls Air Har	7/1/2012	7/1/2012	17,039.00			17,039.00	1,704.00	1,704.00		3,408.00

000 - SD Science & Technology Authority										
Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
140 - Equipment & Fixtures										
504 Johnson Controls Chiller	7/1/2012	7/1/2012	17,245.00			17,245.00	1,724.00	1,724.00		3,448.00
505 Johnson Controls Chiller	7/1/2012	7/1/2012	17,245.00			17,245.00	1,724.00	1,724.00		3,448.00
506 Johnson Controls Air Han	7/1/2012	7/1/2012	17,436.00			17,436.00	1,744.00	1,744.00		3,488.00
525 Line Power Transformers	7/1/2012	7/1/2012	5,000.00			5,000.00	125.00	125.00		250.00
526 LN Tank Concrete Pad	8/1/2012	8/1/2012	7,920.00			7,920.00	363.00	396.00		759.00
484 R&M Hoist 7.5 Ton	8/2/2012	8/2/2012	19,510.50			19,510.50	1,788.00	1,951.00		3,739.00
485 R&M Hoist 10 Ton	8/2/2012	8/2/2012	21,560.50			21,560.50	1,976.00	2,156.00		4,132.00
490 Skyclimber Suspended W	9/6/2012	9/6/2012	67,172.86			67,172.86	5,598.00	6,717.00		12,315.00
491 Skyclimber Electric Hoist	9/6/2012	9/6/2012	6,586.85			6,586.85	549.00	659.00		1,208.00
492 Skyclimber Electric Hoist	9/6/2012	9/6/2012	6,586.85			6,586.85	549.00	659.00		1,208.00
493 Skyclimber Electric Hoist	9/6/2012	9/6/2012	6,586.85			6,586.85	549.00	659.00		1,208.00
494 Skyclimber Electric Hoist	9/6/2012	9/6/2012	6,586.85			6,586.85	549.00	659.00		1,208.00
489 Ross Cage Work Deck	9/12/2012	9/12/2012	70,226.22			70,226.22	8,360.00	10,032.00		18,392.00
486 LUX Water Treatment Sy	9/25/2012	9/25/2012	147,582.73			147,582.73	7,379.00	9,839.00		17,218.00
483 North Skip Work Deck (I	9/28/2012	9/28/2012	30,837.94			30,837.94	3,304.00	4,405.00		7,709.00
487 Jib Crane Ceiling Mount	10/1/2012	10/1/2012	28,175.00			28,175.00	2,113.00	2,818.00		4,931.00
488 Jib Crane Ceiling Mount	10/1/2012	10/1/2012	30,450.00			30,450.00	2,284.00	3,045.00		5,329.00
508 S205 Skidsteer W/Forks	10/19/2012	10/19/2012	21,000.00			21,000.00	1,400.00	2,100.00		3,500.00
509 JLG T500 Towable Lift	10/19/2012	10/19/2012	25,000.00			25,000.00	1,667.00	2,500.00		4,167.00
495 LUX Water Tank 4850	10/22/2012	10/22/2012	364,225.82			364,225.82	16,188.00	24,282.00		40,470.00
524 Line Power Transformer	12/10/2012	12/10/2012	8,000.00			8,000.00	117.00	200.00		317.00
512 Profi 1Ton Air Hoist 25'	1/16/2013	1/16/2013	7,415.07			7,415.07	309.00	741.00		1,050.00
513 Caterpillar Diesel Genera	2/1/2013	2/1/2013	28,434.00			28,434.00	1,185.00	2,843.00		4,028.00
516 4850 Refuge Area Coolin	2/1/2013	2/1/2013	9,085.66			9,085.66	379.00	908.00		1,287.00
517 4850 Refuge Area Coolin	2/1/2013	2/1/2013	9,085.67			9,085.67	379.00	908.00		1,287.00
518 4850 Refuge Area Coolin	2/1/2013	2/1/2013	9,085.67			9,085.67	379.00	908.00		1,287.00
519 MS Scrubbing Systems E	2/1/2013	2/1/2013	17,040.00			17,040.00	710.00	1,704.00		2,414.00
520 MS Scrubbing Systems E	2/1/2013	2/1/2013	17,040.00			17,040.00	710.00	1,704.00		2,414.00
515 Ross Headframe Garage I	2/26/2013	2/26/2013	22,621.00			22,621.00	754.00	2,262.00		3,016.00
523 Modification to Ross Wo	4/16/2013	4/16/2013	7,010.22			7,010.22	167.00	1,001.00		1,168.00
528 25HP Diesel Hydraulic P	6/15/2013	6/15/2013	11,070.85			11,070.85	92.00	1,107.00		1,199.00
536 IT Generator Concrete Pa	8/1/2013	8/1/2013		6,640.00		6,640.00		304.00		304.00
538 Yates Loading Dock	9/9/2013	9/9/2013		7,040.00		7,040.00		235.00		235.00
540 IT Generator Install	10/31/2013	10/31/2013		28,056.44		28,056.44		1,870.00		1,870.00
554 Hitachi CPWU9410 Proje	1/18/2014	1/18/2014		13,228.18		13,228.18		551.00		551.00

Cost of Fixed AssetsAccumulated Depreciation

000 - SD Science & Technology Authority										
Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
140 - Equipment & Fixtures										
542 Chem Grout Machine Pur	3/10/2014	3/10/2014		5,909.59		5,909.59		197.00		197.00
547 Bolter J.H. Fletcher & Co	4/25/2014	4/25/2014		546,642.95		546,642.95		3,644.00		3,644.00
550 Big Blue 300 Pro Kubota	5/2/2014	5/2/2014		10,445.00		10,445.00		174.00		174.00
551 Big Blue 300 Pro Kubota	5/2/2014	5/2/2014		10,445.00		10,445.00		174.00		174.00
548 2014 Toolmaster Trailer	5/8/2014	5/8/2014		11,200.00		11,200.00		187.00		187.00
553 Ultrasonic Flaw Detector	6/9/2014	6/9/2014		11,742.78		11,742.78		98.00		98.00
			7,927,064.47	651,349.94	(25,158.95)	8,553,255.46	1,670,315.82	532,863.63	(7,822.69)	2,195,356.76
150 - Furniture & Fixtures										
249 Blinds	6/1/2006	6/1/2006	1,877.92			1,877.92	1,722.25	155.00		1,877.25
250 6X8 Workstations - Adm	12/31/2008	12/31/2008	67,297.83			67,297.83	20,187.26	4,486.00		24,673.26
251 Blinds - Admin Bldg	2/1/2009	2/1/2009	5,035.75			5,035.75	2,225.82	504.00		2,729.82
			74,211.50	0.00	0.00	74,211.50	24,135.33	5,145.00	0.00	29,280.33
160 - Improvements										
189 Carpet - Admin Bldg	4/25/2006	4/25/2006	6,589.30			6,589.30	6,150.29	439.00		6,589.29
283 Office Remodel - Admin	6/1/2006	6/1/2006	19,584.00			19,584.00	13,870.40	1,958.00		15,828.40
284 Office Remodel/Painting	6/1/2006	6/1/2006	10,898.27			10,898.27	7,720.31	1,090.00		8,810.31
285 Yates Building Renovatio	2/14/2007	2/14/2007	16,714.32			16,714.32	2,277.43	334.00		2,611.43
263 Power Line East Sub Stat	7/27/2007	7/27/2007	31,222.00			31,222.00	3,120.44	624.00		3,744.44
269 Ross Guard Station	5/31/2008	5/31/2008	8,617.06			8,617.06	860.34	172.00		1,032.34
271 Ross Hoist Building	6/30/2008	6/30/2008	197,674.59			197,674.59	19,765.49	3,953.00		23,718.49
286 Kitchen Improvements -	6/30/2008	6/30/2008	5,792.72			5,792.72	579.85	116.00		695.85
259 Gas Line System (Existin	7/1/2008	7/1/2008	5,795.00			5,795.00	1,159.80	232.00		1,391.80
261 Parking Lot - Admin Are	7/1/2008	7/1/2008	60,000.00			60,000.00	15,000.00	3,000.00		18,000.00
264 Power Line Oro Hondo 6'	7/1/2008	7/1/2008	8,250.00			8,250.00	825.00	165.00		990.00
265 Power Line Ross 69KV P	7/1/2008	7/1/2008	25,000.00			25,000.00	2,500.00	500.00		3,000.00
267 Rail System Underground	7/1/2008	7/1/2008	61,267.89			61,267.89	6,125.36	1,225.00		7,350.36
275 Ross Yard (Gravel Yard)	7/1/2008	7/1/2008	22,277.00			22,277.00	2,784.93	557.00		3,341.93
282 Yates Yard (Gravel Yard)	7/1/2008	7/1/2008	16,282.20			16,282.20	2,035.06	407.00		2,442.06
277 Yates Gas Line	11/24/2008	11/24/2008	17,695.65			17,695.65	3,244.90	708.00		3,952.90
288 Carpet/Vinyl - Admin Bl	1/1/2009	1/1/2009	53,826.21			53,826.21	24,223.31	5,383.00		29,606.31
256 Communications - Ross S	2/18/2009	2/18/2009	10,340.00			10,340.00	2,985.78	689.00		3,674.78
257 Communications - Yates	2/18/2009	2/18/2009	57,716.63			57,716.63	16,674.59	3,848.00		20,522.59
266 Propane Storage Building	2/25/2009	2/25/2009	16,200.00			16,200.00	1,404.00	324.00		1,728.00
270 Ross Headframe Crusher	3/1/2009	3/1/2009	26,409.12			26,409.12	2,288.06	528.00		2,816.06
278 Yates Headframe/Crusher	3/1/2009	3/1/2009	33,519.74			33,519.74	2,903.46	670.00		3,573.46

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Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
160 - Improvements										
280 Yates Safety/Dry Buildin	3/1/2009	3/1/2009	52,177.41			52,177.41	4,523.85	1,044.00		5,567.85
260 IT Room Electrical/Instal	3/4/2009	3/4/2009	41,618.32			41,618.32	9,017.64	2,081.00		11,098.64
279 Yates Hoist Building	4/14/2009	4/14/2009	159,110.28			159,110.28	13,523.55	3,182.00		16,705.55
272 Ross Pump System	6/12/2009	6/12/2009	963,663.60			963,663.60	157,400.00	38,547.00		195,947.00
258 Fiber Optic Network Syst	6/30/2009	6/30/2009	17,541.98			17,541.98	3,508.00	877.00		4,385.00
262 Power Distribution	6/30/2009	6/30/2009	783,887.52			783,887.52	62,712.00	15,678.00		78,390.00
268 Ross Dry Building	6/30/2009	6/30/2009	63,368.30			63,368.30	5,068.00	1,267.00		6,335.00
273 Ross Shaft	6/30/2009	6/30/2009	9,773,260.40			9,773,260.40	781,860.00	195,465.00		977,325.00
274 Ross Substation	6/30/2009	6/30/2009	277,760.27			277,760.27	22,220.00	5,555.00		27,775.00
276 WWTP Improvements	6/30/2009	6/30/2009	660,400.84			660,400.84	52,832.00	13,208.00		66,040.00
281 Yates Shaft	6/30/2009	6/30/2009	4,694,581.28			4,694,581.28	375,568.00	93,892.00		469,460.00
287 Admin Bldg Improvemen	6/30/2009	6/30/2009	382,643.40			382,643.40	30,612.00	7,653.00		38,265.00
407 Ross Substation Upgrade	3/1/2010	3/1/2010	79,000.94			79,000.94	5,267.00	1,580.00		6,847.00
409 Yates Shaft	4/1/2010	4/1/2010	2,185,614.49			2,185,614.49	142,064.00	43,712.00		185,776.00
402 LUX Surface Lab	5/1/2010	5/1/2010	1,563,830.79			1,563,830.79	99,044.00	31,277.00		130,321.00
403 Oro Hondo Substation Uj	5/15/2010	5/15/2010	85,015.90			85,015.90	5,383.00	1,700.00		7,083.00
404 Pole Frame Building	6/1/2010	6/1/2010	14,183.70			14,183.70	876.00	284.00		1,160.00
408 Yates Fencing	6/15/2010	6/15/2010	10,469.70			10,469.70	1,613.00	523.00		2,136.00
401 Fiber Optic Network Syst	6/30/2010	6/30/2010	19,495.55			19,495.55	2,925.00	975.00		3,900.00
405 Power Distribution Upgrd	6/30/2010	6/30/2010	341,565.29			341,565.29	20,493.00	6,831.00		27,324.00
406 Ross Pumping System	6/30/2010	6/30/2010	159,652.84			159,652.84	19,158.00	6,386.00		25,544.00
447 Yates Parking Lot Resurf	9/24/2010	9/24/2010	259,641.41			259,641.41	71,401.00	25,964.00		97,365.00
445 Majorana Shotcreting Imj	10/15/2010	10/15/2010	268,602.24			268,602.24	24,621.00	8,953.00		33,574.00
428 Ross Dry Renovations	10/30/2010	10/30/2010	243,726.84			243,726.84	13,000.00	4,875.00		17,875.00
431 Yates E&O Dry Renovati	11/30/2010	11/30/2010	214,711.49			214,711.49	11,093.00	4,294.00		15,387.00
434 Communications Improv	6/30/2011	6/30/2011	89,807.33			89,807.33	11,974.00	5,987.00		17,961.00
435 Power Distribution Imprc	6/30/2011	6/30/2011	108,274.04			108,274.04	4,330.00	2,165.00		6,495.00
436 Fiber Optic Network Syst	6/30/2011	6/30/2011	24,228.00			24,228.00	2,422.00	1,211.00		3,633.00
437 Ross Pump System Imprc	6/30/2011	6/30/2011	17,311.87			17,311.87	1,384.00	692.00		2,076.00
443 Davis Shotcreting Improv	6/30/2011	7/1/2011	857,538.24			857,538.24	57,170.00	28,585.00		85,755.00
481 Improvements to Yates R	5/1/2012	5/1/2012	42,785.45			42,785.45	999.00	856.00		1,855.00
510 Davis Campus Laborator	11/30/2012	11/30/2012	8,453,584.87			8,453,584.87	164,375.00	281,786.00		446,161.00
527 Ross Gas Line	1/14/2013	1/14/2013	15,873.11			15,873.11	317.00	635.00		952.00
521 4850 Refuge Area	2/1/2013	2/1/2013	175,941.14			175,941.14	3,665.00	8,797.00		12,462.00
			33,812,540.53	0.00	0.00	33,812,540.53	2,320,917.84	873,439.00	0.00	3,194,356.84

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Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
170 - Improvements in Progress										
477 Improvements in Progress:	6/30/2012	6/30/2012	934,406.24			934,406.24				0.00
529 Improvement in Progress -	6/30/2013	6/30/2013	1,635,423.51			1,635,423.51				0.00
531 Improvements in Progress:	6/30/2013	6/30/2013	428,698.67		(428,698.67)	0.00				0.00
532 Improvements in Progress:	6/30/2013	6/30/2013	45,284.26		(45,284.26)	0.00				0.00
535 Ross Shaft Labor/SCC/EI	6/30/2013	6/30/2013	1,096,843.28			1,096,843.28				0.00
552 RTU HVAC Admin. Bldg	6/30/2014	6/30/2014		9,241.00		9,241.00				0.00
557 Ross Shaft Rehab FY14	6/30/2014	6/30/2014		3,877,199.23		3,877,199.23				0.00
558 Davis Dehumidification S	6/30/2014	6/30/2014		529,719.52		529,719.52				0.00
559 Yates Skip Bonnet Work	6/30/2014	6/30/2014		12,044.20		12,044.20				0.00
560 WTP Tank Install (Tank 1	6/30/2014	6/30/2014		474.20		474.20				0.00
561 CASPAR Experiment De	6/30/2014	6/30/2014		30,234.06		30,234.06				0.00
562 CASPAR Facility Develo	6/30/2014	6/30/2014		279,209.33		279,209.33				0.00
563 Ross Rehab FY14 SCC/L	6/30/2014	6/30/2014		1,216,243.78		1,216,243.78				0.00
564 CASPAR Facility Dev FY	6/30/2014	6/30/2014		58,490.80		58,490.80				0.00
			4,140,655.96	6,012,856.12	(473,982.93)	9,679,529.15	0.00	0.00	0.00	0.00
180 - Infrastructure										
294 Road Gravel WWTP East	7/1/2008	7/1/2008	48,846.60			48,846.60	6,105.17	1,221.00		7,326.17
296 Road Gravel Yates Hillsi	7/1/2008	7/1/2008	5,159.00			5,159.00	644.98	129.00		773.98
298 Sewer Line System	7/1/2008	7/1/2008	14,850.00			14,850.00	2,970.00	594.00		3,564.00
300 Water Line System (Hisc	7/1/2008	7/1/2008	38,150.00			38,150.00	7,630.00	1,526.00		9,156.00
301 Water Line System (Othe	7/1/2008	7/1/2008	25,675.00			25,675.00	5,135.00	1,027.00		6,162.00
292 Concrete Cooling Basins	8/1/2008	8/1/2008	25,000.00			25,000.00	2,458.33	500.00		2,958.33
293 Concrete Vault System	8/1/2008	8/1/2008	25,000.00			25,000.00	2,458.33	500.00		2,958.33
290 Mill Reservoir	10/30/2008	10/30/2008	117,540.85			117,540.85	10,971.21	2,351.00		13,322.21
297 Sewer Line - Backwash t	11/1/2008	11/1/2008	155,156.08			155,156.08	28,961.50	6,206.00		35,167.50
291 Clarifier - WWTP	11/25/2008	11/25/2008	117,245.74			117,245.74	10,747.87	2,345.00		13,092.87
414 Grizzly Gulch Decant Pip	1/1/2011	1/1/2011	1,060,808.89			1,060,808.89	53,040.00	21,216.00		74,256.00
415 Ross Potable Water Line	1/1/2011	1/1/2011	24,810.00			24,810.00	2,480.00	992.00		3,472.00
			1,658,242.16	0.00	0.00	1,658,242.16	133,602.39	38,607.00	0.00	172,209.39
190 - Land										
304 Land - Donated by Home	4/14/2006	4/14/2006	1,511,000.00			1,511,000.00				0.00
305 Land - Closing Costs	1/31/2007	1/31/2007	13,435.39			13,435.39				0.00
306 Land - Phase I Enviromen	6/30/2008	6/30/2008	4,000.00			4,000.00				0.00
307 Land - Phase II Site Asses	12/23/2008	12/23/2008	5,602.65			5,602.65				0.00
			1,534,038.04	0.00	0.00	1,534,038.04	0.00	0.00	0.00	0.00

Cost of Fixed AssetsAccumulated Depreciation

000 - SD Science & Technology Authority

Sys ID Description	Acquire	In Service	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
200 - Other Non Dep										
309 Archive Materials - Gold	7/1/2008	7/1/2008	20,000.00			20,000.00				0.00
310 Archive Materials	7/1/2008	7/1/2008	50,000.00			50,000.00				0.00
			70,000.00	0.00	0.00	70,000.00	0.00	0.00	0.00	0.00
210 - Underground										
311 Underground - Closing C	1/31/2007	1/31/2007	90,686.99			90,686.99				0.00
312 Underground	1/31/2007	1/31/2007	10,658,650.00			10,658,650.00				0.00
			10,749,336.99	0.00	0.00	10,749,336.99	0.00	0.00	0.00	0.00
220 - Underground Improvements										
410 Improvements - Undergrc	6/30/2010	6/30/2010	1,210,109.78			1,210,109.78				0.00
444 Improvement Majorana E	10/31/2010	10/31/2010	159,204.14			159,204.14				0.00
446 Improvement Hazard Mit	5/31/2011	5/31/2011	60,774.93			60,774.93				0.00
442 Improvements Davis Exca	6/30/2011	7/1/2011	4,460,860.74			4,460,860.74				0.00
479 Improvement to UG Haz	6/30/2012	6/30/2012	69,223.43			69,223.43				0.00
530 Improvements-Haz.Mit.2	6/30/2013	6/30/2013	51,019.29			51,019.29				0.00
556 Hazard Mitigation Inprov	6/30/2014	6/30/2014		294,893.16		294,893.16				0.00
			6,011,192.31	294,893.16	0.00	6,306,085.47	0.00	0.00	0.00	0.00

Cost of Fixed AssetsAccumulated Depreciation

Summary

000 - SD Science & Technology Authority								
	Beginning	Additions	Retired	Ending	Beginning	YTD 6/30/2014	Retired	Ending
110 - Automobiles	79,255.08	0.00	0.00	79,255.08	44,340.10	10,050.00	0.00	54,390.10
120 - Building	7,223,085.46	0.00	0.00	7,223,085.46	1,170,127.29	145,753.00	0.00	1,315,880.29
130 - Computer Hardware	357,294.53	5,170.42	0.00	362,464.95	278,519.63	66,798.00	0.00	345,317.63
140 - Equipment & Fixtures	7,927,064.47	651,349.94	(25,158.95)	8,553,255.46	1,670,315.82	532,863.63	(7,822.69)	2,195,356.76
150 - Furniture & Fixtures	74,211.50	0.00	0.00	74,211.50	24,135.33	5,145.00	0.00	29,280.33
160 - Improvements	33,812,540.53	0.00	0.00	33,812,540.53	2,320,917.84	873,439.00	0.00	3,194,356.84
170 - Improvements in Progress	4,140,655.96	6,012,856.12	(473,982.93)	9,679,529.15	0.00	0.00	0.00	0.00
180 - Infrastructure	1,658,242.16	0.00	0.00	1,658,242.16	133,602.39	38,607.00	0.00	172,209.39
190 - Land	1,534,038.04	0.00	0.00	1,534,038.04	0.00	0.00	0.00	0.00
200 - Other Non Dep	70,000.00	0.00	0.00	70,000.00	0.00	0.00	0.00	0.00
210 - Underground	10,749,336.99	0.00	0.00	10,749,336.99	0.00	0.00	0.00	0.00
220 - Underground Improvements	6,011,192.31	294,893.16	0.00	6,306,085.47	0.00	0.00	0.00	0.00
	73,636,917.03	6,964,269.64	(499,141.88)	80,102,044.79	5,641,958.40	1,672,655.63	(7,822.69)	7,306,791.34

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Net Fixed Assets - \$72,795,253.45

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**PROPERTY MANAGEMENT SYSTEM ASSESSMENT
PROPERTY REPORT CERTIFICATE
PROPERTY REPORT**

Subcontract Number: 6994297

Date: May 21, 2014

Subcontractor Property Identification Number	Qty	Property Description, Manufacturer Name, Agreement No.	DOE/LBNL Property Number	Serial Number	Model Number	Location	Acquisition Date	Condition Code	Grams	Unit Cost	Total Cost
1	1	Fluke Three Phase Quality Analyzer Meter [PO #3019]	6761832	12990014	435	SDSTA/Ross Hoist Elec Tool Strg Rm	2012-03	1	n/a	\$ 5,895.00	\$ 5,895.00
2	1	Flygt Submersible Power Cable (150' @\$ 38.82/ft.) [PO #2929]	Orange Tag	none	FLY94-21-11	SDSTA/Yates Shaft 4850L	2012-02	1	n/a	\$ 5,823.00	\$ 5,823.00
3	1	Allen Bradley Flex Solid State Con-troller [PO #2860]	6761818	none	2752991	SDSTA/Yates Shaft 4850L	2012-01	1	n/a	\$ 5,375.00	\$ 5,375.00
4	1	Dell Equal Logic SAN [PO #2959]	6761825	50DMKS1	PS4100Xi SCSI	SDSTA Admin Bldg Server Room	2012-03	1	n/a	\$ 38,950.00	\$ 38,950.00
5	1	Thern Ceiling Mount Winch [PO #2896]	Orange Tag	4012-64281	4WS6M12	SDSTA 4850L Yates Station	2012-05	1	n/a	\$ 6,360.00	\$ 6,360.00
5	1	Thern Single Speed Control [PO #2896]	Orange Tag	none	10S7E4	SDSTA 4850L Yates Station	2012-05	1	n/a	\$ 1,055.00	\$ 1,055.00
6	1	Corning 96 Count Figure 8 Fiber Optic Cable (5000'@ \$1.93/ft) [PO #3163]	Orange Tag	none	096-EUA-T4101D20	SDSTA/Yates Shaft	2012-06	1	n/a	\$ 9,650.00	\$ 9,650.00
7	1	Commercial Evolu-tion Series 8' "Pivot Gate" [PO #3524]	Orange Tag	ES810-01007	CGC-ES810	SDSTA/Ross	2012-10	1	n/a	\$ 15,489.50	\$ 15,489.50
8	1	Flygt Submersible Pump with Agitator 50' Cable (No Control) [PO #3699]	Orange Tag	1280005	5100.251A	SDSTA/Ross Shaft 5000L	2013-01	1	n/a	\$ 20,500.00	\$ 20,500.00
9	1	R&M 5-ton Electric Chain Hoist [PO #4043]	Orange Tag	10026149	LM25-S-015LM12T2C1	SDSTA 4850L Governor's Corner	2013-05	1	n/a	\$ 5,133.00	\$ 5,133.00

10	1	Vigilant VM Panel (REMICA mic & mounting box, Ethernet & NOC Cards, VM Control switches, Duct Detector, 2-RLCO-C Anunciators) [PO #13064]	6774245	none	Vigilant VM-RCCM/D (Part #260512)	4850L Davis Campus Fire Alarm System	2013-06	1	n/a	\$ 18,333.70	\$ 18,333.70
11	1	Trojan Locomotive Battery Charger [PO #4136]	Orange Tag	32951	MPL40F600MI	4850L Yates Station	2013-07	1	n/a	\$ 5,689.00	\$ 5,689.00
12	1	Fujikura 70S Fusion Splicer w/Cleaver & Battery Drop (PO #4252)	6774177	VG239CX06DPEN4CZ	Stock #AFL FSM- 70S/S015591	Ross Hoist Cyber Tool Room	2013-07	1	n/a	\$ 15,752.93	\$ 15,752.93
13	1	Baldor 400 hp, 547 amp Power Module (PO #4321)	Orange Tag	550210008EF	VSIPF4400-9L	5 Shaft	2013-08	1	n/a	\$8,800.00	\$8,800.00
14	1	Flygt Submersible Pump Model 2670 (PO #4310)	6774160	1350012	Model 2670	2600' Yates Pump Station	2013-08	1	n/a	\$12,556.00	\$12,556.00
15	1	Sullair 185 Portable Air Compressor 2013 SU 185DLQ (PO 4206)	6774153	Air Compressor SN 201308070067 John Deere Engine SN PE4024R129152	Model 49HP/185/B DLQ/JD14 EPA	UG Hazard Mitigation	2013-08	1	n/a	\$13,507.00	\$13,507.00
16	1	Fluke OptiFiber Pro OTDR Fiber Testing Tool (PO #4302)	6777741	2298662	Factory Build to Order	Ross Hoist Cyber Tool Room	2013-08	1	n/a	\$13,178.88	\$13,178.88
17	1	Cornell 6H-F16 Frame Mounted Pump/Motor Assembly (PO 58163)	UG-no tag (see 11.7.2013 email)	Pump/Motor Assembly SN 187888; 100 HP Motor SN A1309122094	6H-F16	SDSTA/YRoss Shaft 2600L	2013-10	1	n/a	\$20,823.75	\$20,823.75
18	1	Cornell 6H-F16K Spare Pump (PO 58163)	Orange Tag	Pump End only SN 187892	6H-F16K	Warehouse (until needed)	2013-10	1	n/a	\$6,867.90	\$6,867.90
19	1	Maestro Vigilante AQS Air Quality Station (PO 4326)	Orange Tag	none	VAQS-PF-PF-G002- NR-NR-NR-MB- IM-SP1-SP2-SP3	Oro Hondo Fan	2013-11	1	n/a	\$7,175.00	\$7,175.00
20	1	Wheelift Transporter Model (Auto Guided Daya Bay vehicle - Mod 20)	DOE# 6690569 (GFP)	none	Model C5280	Yates Crusher Room	2014-01	4	n/a	\$919,808.00	\$919,808.00
21	1	Movex Twin Track 66 Track-O-lift, stair climber, remote, sides/backrest (PO 4739)	6777727	Serial Number 14011421CA04S236-2	Twin-Track 66	4850L Yates Shaft Davis Campus	2014-02	1	n/a	\$ 25,455.00	\$25,455.00

22	2	Titan Air Make-Up Units Natural Gas, 50,000 CFM, 3,620,000 BTU (PO 4613]	#1 - 6777703 #2 - 6777710	Unit #1 - SN 15028 Unit #2 - SN 15029	Unit #1 - Model TA-133 NG HLH DA Unit #2 - Model TA-133 NG HRH DA	#1 - Ross Shaft #2 - Yates Shaft	2014-02	1	n/a	\$ 31,215.00	\$ 62,430.00
23	1	CAF-960-5 Blow- Through/Wall Supply- Air Package Fan (PO 4833)	Orange Tag	Serial Number E3792	Model CAF-960-5 Filtered Supply Fan	Temporary Clean Room - Ross 4850L	2014-03	1	n/a	\$ 6,995.00	\$ 6,995.00
24	1	Big Blue 300 Pro Kubota CC/CV (1800 RPM) Welder (PO 4981)		Serial Number ME160009E	MIL907521	Hazard Mitigation Crew 4850L	2014-05	1	n/a	\$ 10,445.00	\$ 10,445.00

Total DOE Property

* \$ 1,262,047.66 *

At the close of an agreement, ALL Government Furnished Property (GFP) and Subcontractor Acquired Property (SAP) including materials must be accounted for regardless of the value of the property.

Residual Materials: Remaining property that may be incorporated into or attached to a property item. It includes, but is not limited to precious metals, raw or processed materials, parts, components, assemblies or supplies

CONDITION CODES		
For the purpose of indicating Condition of Property, please use the following codes:		
Condition Code	Brief Description	Expanded Definition
1	Excellent	Property which is in new condition or unused condition and can be used immediately without modifications or repairs.
4	Usable	Property which shows some wear, but can be used without significant repair.
7	Repairable	Property which is unusable in its current condition but can be economically repaired.
X	Salvage	Property which has value in excess of its basic material content but repair or rehabilitation is impractical and/or uneconomical.
S	Scrap	Property which has no value except for its basic material content.

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PER DIEM PAYMENTS MADE TO BOARD MEMBERS IN FY 2013-2014

7/12/13	Thomas Adams	Exec Session & BOD Meeting	\$	150.00
10/4/13	Thomas Adams	BOD Meeting	\$	75.00
12/27/13	Thomas Adams	BOD Meeting	\$	75.00
4/4/14	Thomas Adams	BOD Meeting	\$	75.00
6/27/14	Thomas Adams	BOD Meeting	\$	75.00
Adam Total			\$	450.00
7/12/13	Dr. Ani Aprahamian	Exec Session & BOD Meeting	\$	150.00
10/4/13	Dr. Ani Aprahamian	BOD Meeting	\$	75.00
12/27/13	Dr. Ani Aprahamian	BOD Meeting	\$	75.00
4/4/14	Dr. Ani Aprahamian	BOD Meeting	\$	75.00
5/30/14	Dr. Ani Aprahamian	Nominating Committee Meeting	\$	75.00
6/27/14	Dr. Ani Aprahamian	BOD Dinner, Meeting, Davis Bachall Presentations	\$	300.00
Aprahamian Total			\$	750.00
7/12/13	Paul Christen	Exec Session & BOD Meeting	\$	150.00
10/4/13	Paul Christen	BOD Meeting	\$	75.00
12/27/13	Paul Christen	BOD Meeting	\$	75.00
4/4/14	Paul Christen	BOD Meeting	\$	75.00
6/27/14	Paul Christen	BOD Dinner & Meeting	\$	150.00
Christen Total			\$	525.00
7/12/13	Dana Dykhous	Exec Session & BOD Meeting	\$	150.00
9/20/13	Dana Dykhous	Audit Committee Meeting	\$	75.00
10/4/13	Dana Dykhous	BOD Meeting	\$	75.00
11/15/13	Dana Dykhous	Audit Committee Meeting	\$	75.00
12/27/13	Dana Dykhous	BOD Meeting	\$	75.00
1/10/14	Dana Dykhous	Audit Committee Meeting	\$	75.00
4/4/14	Dana Dykhous	BOD Meeting	\$	75.00
5/30/14	Dana Dykhous	Nominating Committee Meeting	\$	75.00
6/27/14	Dana Dykhous	BOD Meeting	\$	75.00
Dykhous Total			\$	750.00
7/12/13	Pat Lebrun	Exec Session, BOD Meeting, NEPA Meeting	\$	225.00
9/20/13	Pat Lebrun	Audit Committee Meeting	\$	75.00
10/4/13	Pat Lebrun	BOD Meeting	\$	75.00
11/15/13	Pat Lebrun	Audit Committee Meeting, LUX Social & Announcement	\$	225.00
12/27/13	Pat Lebrun	BOD Meeting & Reach Committee Meeting	\$	150.00
1/10/14	Pat Lebrun	Audit Committee Meeting	\$	75.00
4/4/14	Pat Lebrun	BOD Meeting	\$	75.00
6/13/14	Pat Lebrun	Reach Committee Meeting	\$	150.00
6/27/14	Pat Lebrun	BOD Dinner & Meeting	\$	150.00
Lebrun Total			\$	1,200.00
7/12/13	Casey Peterson	Exec Session & BOD Meeting	\$	150.00
9/6/13	Casey Peterson	Press Conference for Jonas Visitor Center	\$	75.00
10/4/13	Casey Peterson	BOD Meeting	\$	75.00
10/18/13	Casey Peterson	Budget Meeting W/ Mike Headley	\$	75.00
11/15/13	Casey Peterson	Lockyer Visit & LUX Announcement	\$	150.00
12/27/13	Casey Peterson	BOD Meeting & Contracts Meeting W/Mike & Ron	\$	150.00
3/7/14	Casey Peterson	Meeting W/Mike Headley	\$	75.00
3/21/14	Casey Peterson	Lunch Meeting W/Mike Headley	\$	75.00

5/30/14	Casey Peterson	Meeting W/Mike Headley	\$	75.00
6/13/14	Casey Peterson	Kristi Noem Visit	\$	75.00
6/27/14	Casey Peterson	BOD Dinner & Meeting	\$	150.00
Peterson Total			\$	1,125.00

SD Science & Technology Authority
Operational CAPEX Budget
YTD FY2015 Actual vs Budget

Project #	Project Description	Aug. YTD FY2015	FY2015 Budget	\$ Over/UnderBudget	% of Budget	% Remaining
						100%
CAP2012-13	Water/Hazard Mitigation Work	\$3,199.50	\$ 113,643.00	\$ 110,443.50	2.82%	97.18%
CAP2012-27	Ross Shaft Furnishings Repl.M&S	\$456,469.20	\$ 4,643,148.00	\$ 4,186,678.80	9.83%	90.17%
CAP2012-28	Work Decks	\$1,000.00	\$ 45,000.00	\$ 44,000.00	2.22%	97.78%
CAP2012-32	SDSTA Personnel	\$239,598.34	\$ 2,231,015.00	\$ 1,991,416.66	10.74%	89.26%
CAP2013-06	Yates Shaft Improvements	\$18,977.46	\$ 300,000.00	\$ 281,022.54	6.33%	93.67%
CAP2014-01	Sanford Visitor Center Design & Construction	\$566,014.98	\$ 4,437,425.00	\$ 3,871,410.02	12.76%	87.24%
CAP2014-02	Xenon Gas	\$2,250.00	\$ 67,145.00	\$ 64,895.00	3.35%	96.65%
CAP2014-04	Surface Lab Roof	\$44,839.26	\$ 44,785.00	\$ (54.26)	100.12%	-0.12%
CAP2014-05	CASPAR Experiment Development	\$0.00	\$ 969,766.00	\$ 969,766.00	0.00%	100.00%
CAP2014-06	BHSU Jonas Science Building Renovation	\$0.00	\$ 2,500,000.00	\$ 2,500,000.00	0.00%	100.00%
CAP2014-07	Davis Campus HVAC Augment System	\$10,776.50	\$ 280.00	\$ (10,496.50)	3848.75%	-3748.75%
CAP2014-09	CASPAR Facility Development	\$105,471.84	\$ 2,112,308.00	\$ 2,006,836.16	4.99%	95.01%
CAP2014-11	LBCF Low Background Counting Fac.Dev.	\$6,943.30	\$ 50,000.00	\$ 43,056.70	13.89%	86.11%
CAP2015-01	WTP Tank & Install	\$110,167.43	\$ 97,000.00	\$ (13,167.43)	113.57%	-13.57%
CAP2015-02	Yates Tunnel Hazard Mitigation	\$0.00	\$ 100,000.00	\$ 100,000.00	0.00%	100.00%
CAP2015-03	Yates/Ross Hoist Bldg. Masonry	\$68,850.00	\$ 94,200.00	\$ 25,350.00	73.09%	26.91%
	Totals	\$ 1,634,557.81	\$ 17,805,715.00	\$ 16,171,157.19	9.18%	90.82%
	Additional CASPAR Facility Development for approval		516,000.00			
	Adjusted Total CAPEX FY15 Budget		\$ 18,321,715.00			

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Review of Updated and Retired Policies - Mr. Mike Headley

Review of policies recommend to be approved:

- 2:15 Absenteeism and Tardiness
- 3:12 Travel Approval and Reimbursement - Employees
- 3:15 Travel Approval and Reimbursement - Consultants, Contractors and Vendors
- 3:21 Travel Approval and Reimbursement - Board Members
- 3:30 Surplus Property Disposal Policy

Review of policies recommended to be retired:

- 3:12:1 Travel by Executive Director
- 3:12:2 Transportation
- 3:12:3 Lodging
- 3:12:4 Meals
- 3:12:4:1 Itemized Ticket for Meal Reimbursement
- 3:12:5 Reimbursement for Combined Authority and Personal Trip
- 3:12:6 Travel Reimbursement for Weekend Stays
- 3:12:7 Travel by State Employees on Authority Business
- 3:12:8 International Travel
- 3:13 Commitment for Travel – Authority Employees
- 3:16 Commitment for Travel – Other
- 3:17 Commitment for Travel Expense Form

Recommended Action:

Motion to approve the above updated and retired policies as presented.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Absenteeism and Tardiness Policy

NUMBER: 2:15

PURPOSE:

This policy promotes the efficient operation of the South Dakota Science and Technology Authority (SDSTA) through minimizing unscheduled absences and tardiness. An employee's timely, regular attendance at work is essential to the successful fulfillment of the Authority SDSTA's mission. ~~To keep each department running smoothly and efficiently, it is essential that every employee be in attendance and on time every day the employee is scheduled to work.~~

~~Maintaining a good attendance record is a vital part of an employee's job performance success. No matter how competent an employee, if the employee does not have a good attendance record, the Authority will not be able to accomplish its mission and support science at the Sanford Laboratory.~~ Employees are required to report to work as scheduled, to be prepared to start work on time and to remain at work for their entire work schedule. Late arrival, early departure, or other absences from scheduled hours are disruptive and must be avoided. When these situations occur, employees will follow the procedures outlined in 2:15A.

~~Excessive tardiness and absenteeism is cause for disciplinary action, up to and including termination as outlined below. Excessive tardiness and absenteeism is cause for disciplinary action, up to and including termination. Exceptions will be handled on a case by case basis through Human Resources only.~~

~~For the purpose of this Policy, approved sick leave is defined as sick leave that falls within Policy 4:4 Leave guidelines and is sick leave that has been approved in advance via a signed leave request form. If an employee calls in before shift and does not have a signed leave form in advance, this is considered an **unexcused absence (an occurrence)**. This will not be considered approved sick leave even though the employee may receive paid sick leave for the absence. An occurrence lasting several consecutive days is considered one occurrence.~~

NOTIFICATION TO THE IMMEDIATE SUPERVISOR

A. _____ It is recognized that occasional absence or tardiness may be beyond the control of the employee. ~~In these cases, the Authority requires all employees to adhere to the following:~~

1. _____ Whenever an employee is forced to be absent or late, the employee should call his/her immediate supervisor as early as possible and inform the supervisor of the reason. ~~This notification should be made to the supervisor within the hour prior to the start of the employee's work day. If the supervisor cannot be reached, the employee should contact his/her senior~~

SOURCE: ~~Adopted February 13, 2009; Per Executive Order, Policy Update Effective October 29, 2011; December 15, 2014~~ September 18, 2014 (This revision date supersedes all previous versions).
2:15 Absenteeism and Tardiness Policy, Page 1 of 3

manager or someone the employee's supervisor has designated to be in charge if the supervisor cannot be reached. Leaving a message with the receptionist or a non-supervisory employee does not fulfill the notification requirement.

2. _____ For a foreseeable absence, the employee should clear his/her schedule with the immediate supervisor well in advance of the time when the employee will be absent. This notification will give the employee's supervisor the opportunity to schedule the work assignments during the employee's absence.

ABSENCES

A. _____ Any absence occurring without notification to the employee's supervisor as described above will result in disciplinary action. The first (1st) occurrence within a twelve (12) consecutive month period will result in Level 3 Corrective Action (written warning), the second (2nd) occurrence will result in Level 4 Corrective Action (5 unpaid working day suspension), and the third (3rd) occurrence will result in Level 5 Correction Action (termination). The twelve (12) month period will begin on the date of the first (1st) occurrence. Failure by the employee to notify the immediate supervisor of an absence for three (3) consecutive working shifts will result in immediate Level 5 Corrective Action (termination).

B. _____ The second (2nd) occurrence of an unexcused absence (includes calling in sick) within a twelve (12) consecutive month period will result in Level 1 Corrective Action (supervisor consultation), the third (3rd) occurrence will result in Level 2 Corrective Action (verbal warning), the fourth (4th) occurrence will result in Level 3 Corrective Action (written warning), the fifth (5th) occurrence will result in Level 4 Corrective Action (5 unpaid working day suspension), and the sixth (6th) occurrence will result in Level 5 Correction Action (termination). The twelve (12) month period will begin on the date of the first occurrence.

C. _____ The third (3rd) occurrence of an unexcused absence (includes calling in sick) within a twelve (12) consecutive month period (12 month period will begin on the date of the first occurrence) that occurs at the beginning or end of a holiday, vacation, or an employee's shift schedule will require the employee to provide a physician's release slip before returning to work from any unexcused absence (includes calling in sick) for a twelve (12) consecutive month period from the last occurrence.

D. _____ Employees who are absent due to illness or injury and are under a physician's care must submit a physician's written release prior to returning to work. The physician's release must also describe any work restrictions. While there is no guarantee that a position can be provided which meets the restrictions, the Authority will seek to do so when practicable. If an employee is returning after an extended absence, he/she is encouraged to notify his/her supervisor or Human Resources at least twenty four (24) hours in advance.

E. _____ Employees absent for three (3) consecutive working days due to illness or injury will be required to seek physician care and submit a physician's written release prior to returning to work.

F. _____ Absences for approved sick leave, personal leave, vacation, jury duty, military duty, long term disability, worker's compensation, approved FMLA leave or approved leave of absence will not be considered occurrences under this policy.

G. _____ Unpaid excused time is not permitted if there is a paid leave balance for which an employee meets eligibility requirements per Policy 4:4 Leave.

H. _____ The Authority has the sole discretion to request a physician's written release or other documentation of proof of absence at any time.

~~LATE ARRIVAL / TARDY~~

A. _____ The second (2nd) occurrence of a late arrival (tardy) within a twelve (12) consecutive month period will result in Level 1 Corrective Action (supervisor consultation), the third (3rd) occurrence will result in Level 2 Corrective Action (verbal warning), the fourth (4th) occurrence will result in Level 3 Corrective Action (written warning), the fifth (5th) occurrence will result in Level 4 Corrective Action (5 unpaid working day suspension), and the sixth (6th) occurrence will result in Level 5 Correction Action (termination). The twelve (12) month period will begin on the date of the first occurrence.

B. _____ If an employee is running late, he/she should contact his/her supervisor prior to the start of the shift and ask for approval to make up the time that will be missed. If the employee's supervisor consents, the employee will not receive a tardy.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Travel Approval and Reimbursement - Employees

NUMBER: 3:12

South Dakota Science and Technology Authority (SDSTA) employees who anticipate traveling out-of-state or internationally on official SDSTA business must obtain supervisor approval prior to making travel arrangements. Supervisors will approve or deny requests in a timely manner.

Employees whose travel will be federally funded will obtain sponsor approval by the deadline identified in the sponsor agreement, and will comply with any additional sponsor requirements.

Authority SDSTA employees ~~on official business~~ must submit required documentation ~~shall be reimbursed~~ for expenses incurred for meals and related ~~expenses~~ expenses on a form ~~prescribed~~ by the SDSTA to receive reimbursement. (see policies 3:12:2 Transportation, 3:12:3 Lodging and 3:12:4 Meals).

Employees shall submit documentation on a form prescribed by the Authority when requesting reimbursement (see policy 3.13 Commitment for Travel – Authority Employees).

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: ~~Commitment for Travel~~ Approval and Reimbursement – Consultants, Contractors and Vendors

NUMBER: 3:15

Consultants, contractors, and vendors under contract to the South Dakota Science and Technology Authority (SDSTA) ~~wishall follow the language of the~~ comply with the applicable provisions of their contract with reference concerning ~~to pre-approved travel and reimbursement of travel-related expenses reimbursement.~~ They will comply with the guidelines noted in policy 3:12:2 Transportation.

When pre-approval by the Executive Director or designee is required by the contract, such approval may be granted by email, fax, written letter or other means. The Executive Director or designee will approve or deny request in a timely manner.

~~Receipts and invoices will be required as provided for in the contract.~~

~~The Executive Director or designee will approve or deny request in a timely manner.~~

~~Form will be included with records and receipts relative to the trip.~~

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Travel Approval and Reimbursement~~Meals for~~ - Board Members

NUMBER: 3:21

Members of the South Dakota Science and Technology Authority (SDSTA) Board of Directors shall be reimbursed for travel expenses at rates established by the South Dakota Board of Finance for attendance at SDSTA events, conferences or Board meetings. When the Authority provides meals for Board members during Authority events, conferences or Board meetings, every effort will be made to keep the cost at the rate that would be allowed on the State approved per diem basis.

The Executive Director is charged with minimizing the costs as much as possible.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Surplus Property Disposal

NUMBER: 3:30

PURPOSE

The purpose of this policy is to establish the terms and conditions upon which personal property owned by the Authority-South Dakota Science and Technology Authority (SDSTA) may be declared surplus and disposed of by the Authority SDSTA.

TERMS OF POLICY

A. Applicability:

1. It is the policy and position of the Authority-SDSTA that it is a body corporate and politic and not a unit of state government or a state agency, and that property owned by the Authority-SDSTA is not "state-owned property." It is also the policy and position of the Authority-SDSTA that SDCL 1-16H-15(16) grants the Authority-SDSTA the power to dispose of surplus property upon such terms and conditions as the Authority-SDSTA deems appropriate and in furtherance of the purpose for which it was organized. Accordingly, the disposal of surplus property owned by the Authority-SDSTA is not governed by SDCL Ch. 5-24A or other state law of general application concerning the disposition of surplus property owned by governmental entities.
2. The disposal of any property purchased with federal or state grant funds is subject to the terms and conditions of the grant under which the property was purchased.
3. This policy shall apply only to personal property, including personal property, which may also be characterized under general standards of property law as a fixture. It shall not apply to real property (other than fixtures).

B. Declaration of Surplus:

1. Property may be declared surplus if it is no longer needed by the Authority SDSTA or is no longer necessary, useful or suitable for the purposes for which it was acquired or previously used.
2. The Executive Director shall make the initial determination concerning whether property should be declared surplus.
3. If the Executive Director determines that property should be declared surplus, he shall estimate its fair market value (net of the costs of removal and transportation off Authority-SDSTA property) and recommend-determine a means of disposal consistent with this policy and-that is most advantageous to the Authority SDSTA. The Executive Director shall document his estimate and recommendation and the basis for each.
4. Although SDCL 1-16H-15(16) grants the SDSTA the power to dispose of surplus property upon such terms and conditions as the SDSTA deems

SOURCE: ~~Adopted October 16, 2008~~ September 18, 2014 (This revision date supersedes all previous versions).
3:30 Surplus Property Disposal Policy, Page 1 of 3

~~appropriate, the SDSTA elects to adopt the procedures set forth in SDCL Ch. 5-24A as Best Practices for the disposal of personal property declared surplus by the SDSTA. If the estimate of fair market value (net of the costs of removal and transportation off Authority property) is \$100.00 or less, the Executive Director may on his own authority declare the property surplus and dispose of it as recommended. The Executive Director shall report any such declaration and disposal to the Board of Directors in writing within thirty (30) days.~~

- ~~5. The Executive Director shall report any such declaration and disposal to the Board of Directors in writing within thirty ninety (390) days. If the estimate of fair market value (net of costs of removal and transportation off Authority property) is more than \$100.00, the Executive Director shall present his estimate of value and recommendation for disposal to the Board of Directors at a meeting open to the public, which the Board shall then accept, reject or modify.~~

C. Means of Disposal – Transfer of Title:

- ~~1. If the estimated fair market value of the property (net of costs of removal and transportation off Authority property) is \$100.00 or less, the following means of disposal are acceptable:
 - ~~a. Transfer to a unit of state or local government, an Indian tribe or non-profit, charitable organization, with or without charge;~~
 - ~~b. Internet sales;~~
 - ~~c. Public auction;~~
 - ~~d. Sale of the property as scrap;~~
 - ~~e. Exchange as trade-in for replacement equipment;~~
 - ~~f. Sales through agents for a negotiated fee;~~
 - ~~g. Direct sales to the public for established prices;~~
 - ~~h. Cannibalization; or~~
 - ~~i. Disposal at a landfill, recycling center, or other waste facility.~~~~
- ~~2. If the estimated fair market value of the property (net of costs of removal and transportation off Authority property) is more than \$100.00 but less than \$1,000.00, the following means of disposal are acceptable:
 - ~~a. Transfer to a unit of state or local government, an Indian tribe or non-profit, charitable organization, with or without charge;~~
 - ~~b. Public auction;~~
 - ~~c. Exchange as trade-in for replacement equipment;~~
 - ~~d. Private direct sales at no less than ninety percent of the fair market value; or~~
 - ~~e. Cannibalization.~~~~
- ~~3. If the estimated fair market value of the property (net of costs of removal and transportation off Authority property) is \$1,000.00 or more, the following means of disposal are acceptable:
 - ~~a. Public auction; or~~
 - ~~b. Sale by sealed bids after publication in the official newspaper of the Authority at least once and such other advertisement as the Executive Director deems appropriate.~~~~
- 4.1. The Executive Director is authorized to execute a bill of sale for the property disposed of in the name of the AuthoritySDSTA.

D. Proceeds from Disposition~~-~~

1. Proceeds from the disposition of surplus property shall be applied first to the cost of disposition and any excess shall then be deposited into the general fund of the ~~Authority~~ SDSTA.

E. Conflicts of Interest~~-~~

1. All directors, officers, employees and agents shall avoid actual conflicts of interest and the appearance of a conflict of interest in connection with the disposal of surplus property.
2. Surplus property shall not be gifted or donated to directors, officers, employees or agents of the ~~Authority~~ SDSTA.
3. Directors, officers, employees and agents of the ~~Authority~~ SDSTA may purchase surplus property, but only if the property is offered for sale via ~~sealed bids~~ sealed bids through the Sanford Lab website or at a public auction.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Travel by Executive Director

NUMBER: 3:12:1

When the reasonableness of a trip might come into question (such as for a two hour meeting that will necessitate a two day trip) the Executive Director will seek approval from a representative of the Board of Directors.

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South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Transportation

NUMBER: 3:12:2

When traveling by air, a two (2) week advance reservation is required unless waived by the Executive Director. The least expensive seating option available is to be selected. If the ticket is a hard copy in a ticket package, the original ticket is to be submitted for reimbursement. If an e-ticket is issued, a photocopy is acceptable.

In most cases, taxis and/or shuttles will be used for transportation between the airport and the final destination hotel or meeting site. Receipts for taxi fares and/or shuttles will be required. Tips on taxi and shuttle fares are unallowable. If the fare is unusually high, a written explanation will be required for reimbursement.

Rental cars will only be used with the prior written permission of the appropriate division director. A regular sized vehicle is adequate for business travel. Specific necessity of a larger or more expensive vehicle must be justified for reimbursement. Any rental car insurance protections/coverages offered should be declined as the Authority will not reimburse for this expense. A receipt for the rental car will be required.

When available, Authority vehicles may be used by Authority employees for business-related travel. No person who is not an employee or director of the Authority may drive or be a passenger in an Authority-owned vehicle without authorization of the Executive Director.

Personal vehicles may also be used for business-related travel. In that circumstance, the employee will be paid mileage at the then-applicable Internal Revenue Service mileage allowance.

Odometer miles will be used to calculate mileage.

Members of the Board of Directors will be paid mileage at the rate established by the South Dakota Board of Finance.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Lodging

NUMBER: 3:12:3

Hotel bills must clearly itemize the cost of the room separate from other charges.

For in-state and out-of-state travel, the maximum reimbursement payable for lodging shall be equal to the domestic lodging rate established by the U.S. General Services Administration as in effect at the time of travel (www.gsa.gov).

For business-related travel by employees other than members of the Board of Directors, the Executive Director may approve up to an additional \$100 plus tax per day, provided that the total amount paid as reimbursement does not exceed the actual cost. The overage must be approved in advance of travel.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Meals

NUMBER: 3:12:4

Board members shall be reimbursed for meals at the rates and upon the terms established from time-to-time by the South Dakota Board of Finance.

For Authority employees traveling overnight, the employee shall be paid a per diem allowance in lieu of the actual expense. For in-state and out-of-state travel, the per diem shall be equal to the Domestic Per Diem Rates as established and published by the U.S. General Services Administration (GSA) as in effect at the time of travel (www.gsa.gov). Each location of travel is based on the GSA rates. On the first and last calendar day of travel, the per diem rate for meal reimbursement is calculated at 75% of the GSA rate.

If a meal is provided free or charge in connection with an employee's travel, the employee will not be reimbursed or eligible for per diem attributable to that meal.

The Authority will not reimburse for alcoholic beverages under any circumstances.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Itemized Ticket for Meal Reimbursement

NUMBER: 3:12:4:1

When requesting reimbursement for meals including those charged to a hotel room, an itemized ticket, not just a credit card slip, must be provided.

This does not apply to members of the Board of Directors who are paid state rates for meals when on Authority business.

SOURCE: Policy retired on September 18, 2014.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Reimbursement for Combined Authority and Personal Trip

NUMBER: 3:12:5

When an employee (including the Executive Director) travels on a combined Authority and personal trip, the employee is to pay all expenses not specifically related to Authority business. Specifically, the employee will pay for all lodging, meals, transportation and miscellaneous expenses incurred as a result of the additional time.

The Authority will pay directly the cost of the combined airfare for both the business-related and personal portion of the trip provided that the total cost to the Authority (including any lodging costs referred to in Section 3:12:6) are less than the total airfare for the business-related portion only.

If the combined business-related and personal ticket is more than the business-related ticket, the employee shall pay for the ticket and be reimbursed by the Authority for the business-related portion.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Travel Reimbursement for Weekend Stays

NUMBER: 3:12:6

The Authority will reimburse for weekend stays (lodging) when the total cost to the Authority is less than if the individual (employee, consultant, etc.) had traveled a weekday trip only.

SOURCE: Policy retired on September 18, 2014.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Travel by State Employees on Authority Business

NUMBER: 3:12:7

State employees acting on the Authority's behalf and at the direction of the Executive Director shall be reimbursed at in-state rates for in-state travel and at the actual cost when traveling out-of-state.

SOURCE: Policy retired on September 18, 2014.

South Dakota Science & Technology Authority

Policies and Procedures manual

SUBJECT: International Travel

NUMBER: 3:12:8

For Authority employees traveling internationally, the maximum reimbursement payable for lodging and meals shall be equal to the rates established by the U.S. Department of State located on their website (www.aoprals.state.gov.perdiem.asp) based on the location traveled.

Rental cars will only be used with the prior written permission of the appropriate division director. In most cases, taxis/bus/train will be used for transportation between the airport and the final destination hotel or meeting site. Receipts for such fares are required for reimbursement. If the fare is unusually high, an explanation will be required.

For air travel, a two (2) week advance reservation is required unless waved by the Executive Director. The least expensive seating option available is to be selected. If the ticket is a hard copy in a ticket package, the original ticket is to be submitted for reimbursement. If an e-ticket is issued, a photocopy is acceptable.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Commitment for Travel – Authority Employees

NUMBER: 3:13

Authority employees who anticipate traveling out of state on Authority business will complete a Commitment for Travel form indicating the purpose of the trip, destination, approximate departure and arrival times, and anticipated expenses. They will comply with the guidelines noted in policy 3:12:2 Transportation.

The employee's supervisor will approve or deny the request in a timely manner.

The form will be included with records and receipts relative to the trip.

South Dakota Science & Technology Authority
Policies and Procedures Manual

SUBJECT: Commitment for Travel – Other

NUMBER: 3:16

When pre-approved by the Executive Director (or designee), individuals who travel in conjunction with Authority business (other than Authority employees, consultants working under a contract with the Authority or state employees with the Office of the State Engineer working for the Authority in conjunction with an Agreement for Engineering Services) will complete a Commitment for Travel request form indicating purpose of trip, destination, approximate departure and arrival times and anticipated expenses.

At the conclusion of the travel, the individuals will submit a completed Travel Reimbursement form and provide receipts. When no receipts are provided (for example due to a group having dinner together and each contributing to the total) the Authority will reimburse at the state rates for in-state and out-of-state meals. No reimbursements will be made for alcohol purchases.

These individuals will follow the guidelines in policy 3:12:2 Transportation.

The Executive Director (or designee) will approve or deny request in a timely manner.

Form will be included with records and receipts relative to the trip.

**South Dakota Science & Technology Authority
Policies and Procedures Manual**

SUBJECT: Commitment for Travel Expense Form

NUMBER: 3:17

Commitment for Travel Expense Form

Name _____

Office or Agency _____

Address _____

Phone _____ **Fax** _____

Purpose of Trip _____

Destination _____

Departure Date _____ **Return Date** _____

Anticipated Expenses:

Airline	\$	_____
Train	\$	_____
Vehicle	\$	_____
Lodging	\$	_____
Meals	\$	_____
Parking/Taxis/Toll	\$	_____
Miscellaneous	\$	_____
Registration Fees	\$	_____

Total anticipated expense \$ _____

The above anticipated expenses are to the best of my knowledge and actual costs will be supported with documentation as needed.

Signature: _____ **Date:** _____

Approved by: _____ **Date:** _____

Report from Audit Committee – Ms. Pat Lebrun

Attached is the Minutes from the Audit Committee meeting held on September 5, 2014.



SDSTA Audit Committee Meeting

September 5, 2014, 10:00 AM (MT)

Participants:

Ms. Pat Lebrun, SDSTA Board of Director and Audit Committee Chair

Mr. Paul Christen, SDSTA Board of Director

Mr. Al Schaefer, SD Department of Legislative Audit, Auditor-in-Charge

Ms. Nancy Geary, SDSTA Chief Financial Officer

A preaudit scheduling teleconference was held today and we discussed the following:

1. Greetings were exchanged and Mr. Paul Christen was introduced as the Board member replacing Mr. Dana Dykhouse on the Audit Committee.
2. Discussion was held concerning the scheduling of the FY14 audit. Ms. Geary will be ready for the audit to begin October 1, 2014. Mr. Schaefer felt that this would work out good for his scheduling as he would be wrapping up the City of Deadwood in late September.
3. In future years, the Bureau of Finance and Management may require that we start a little earlier as they need to push up the State Report finalization from the current reporting time frame. Both Mr. Schaefer and Ms. Geary will look into this requirement that will take effect in 2016.
4. The FY14 audit will be a normal audit (not an A-133 audit) so similar to last year's. Mr. Schaefer will look at our indirect cost rate and calculations, but will not audit the compliance requirements that are part of an A-133 audit. The FY15 audit will be an A-133 audit since the requirement is to receive this type of audit every three years.
5. Mr. Schaefer mentioned that he may have a helper with him this year. Thus we will have room in case he does.
6. The rate for this year's audit will be close to last year's rate of \$58.50/hr. Last year's audit total invoice was for \$9,939.
7. With starting in early October, the audit should be done in time to have a report by the December Board meeting.
8. Mr. Schaefer asked if the Audit Committee knew of any issues that should be discussed. Ms. Lebrun and Mr. Christen replied that they did not know of any issues of concern. Mr. Schaefer noted that if they had any issues that the Board could call him or email him at any time to discuss.
9. Mr. Schaefer will be sending out an engagement letter to Ms. Lebrun for her review and signature.
10. At the end of the audit a follow up audit committee conference will also be held for final discussions.

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Executive Session to Consult with Legal Counsel – Chairperson Peterson

Closed-session.

Recommended Action:

Motion to enter into executive session to consult with legal counsel concerning contractual and legal matters.

Report from – Chairperson Peterson

Recommended Action:
To be determined

Confirm Date and Time of Next Board Meeting – Chairperson Peterson

The next meeting will be held on Thursday, December 18, 2014, beginning at 10:00A.M. (MT).

**Please bring your personal calendars to set next year's meeting schedule.*

Board Comments – Chairperson Peterson

Recommended Action:

Adjourn – Chairperson Peterson

Recommended Action:
Motion to adjourn.